

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012466.D
 Acq On : 18 Sep 2019 12:18
 Operator : JC/SP
 Sample : VX0918MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

Quant Time: Sep 19 05:59:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	333622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134325	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.49	113	98954	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.71	98	360952	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	145215	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25315	19.526	ug/l	98
3) Chloromethane	1.32	50	21300	19.692	ug/l	97
4) Vinyl Chloride	1.40	62	23300	19.931	ug/l	95
5) Bromomethane	1.63	94	11789	25.668	ug/l	98
6) Chloroethane	1.72	64	16550	18.091	ug/l	96
7) Trichlorofluoromethane	1.92	101	44653	20.836	ug/l	100
8) Diethyl Ether	2.18	74	19341	19.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30988	19.985	ug/l	99
10) Methyl Iodide	2.50	142	22637	19.943	ug/l	98
11) Tert butyl alcohol	3.03	59	69111	92.962	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25522	20.633	ug/l	93
13) Acrolein	2.28	56	17854	70.904	ug/l	98
14) Allyl chloride	2.72	41	56510	19.623	ug/l	99
15) Acrylonitrile	3.13	53	121418	99.369	ug/l	99
16) Acetone	2.43	43	126821	93.448	ug/l	98
17) Carbon Disulfide	2.56	76	31705	19.276	ug/l	98
18) Methyl Acetate	2.76	43	57676	19.629	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	133154	19.743	ug/l	99
20) Methylene Chloride	2.84	84	33510	19.637	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26796	20.862	ug/l	98
22) Diisopropyl ether	3.84	45	132647	19.673	ug/l	95
23) Vinyl Acetate	3.80	43	549283	99.030	ug/l	99
24) 1,1-Dichloroethane	3.69	63	65239	20.222	ug/l	97
25) 2-Butanone	4.66	43	184664	94.412	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58851	18.548	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	38991	20.321	ug/l	97
28) Bromochloromethane	5.00	49	31872	19.163	ug/l	97
29) Tetrahydrofuran	5.12	42	106306	98.383	ug/l	98
30) Chloroform	5.20	83	72732	19.630	ug/l	96
31) Cyclohexane	5.57	56	40069	20.575	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	61291	19.792	ug/l	99
36) 1,1-Dichloropropene	5.79	75	38364	18.921	ug/l	94
37) Ethyl Acetate	4.82	43	63401	20.371	ug/l	98
38) Carbon Tetrachloride	5.78	117	48357	19.176	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39887	20.236	ug/l	94
40) Benzene	6.13	78	129694	20.115	ug/l	100
41) Methacrylonitrile	5.03	41	37677	18.800	ug/l	99
42) 1,2-Dichloroethane	6.18	62	57378	19.187	ug/l	100
43) Isopropyl Acetate	6.43	43	107770	19.292	ug/l	99
44) Trichloroethene	7.21	130	35400	20.872	ug/l	97
45) 1,2-Dichloropropane	7.51	63	39026	19.701	ug/l	95
46) Dibromomethane	7.66	93	25638	20.000	ug/l	99
47) Bromodichloromethane	7.89	83	55521	19.452	ug/l	100
48) Methyl methacrylate	7.76	41	49458	18.782	ug/l	95
49) 1,4-Dioxane	7.73	88	24408	380.849	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	352350	96.183	ug/l	99
52) Toluene	8.78	92	82835	19.938	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56810	19.148	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	60356	19.650	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43058	20.116	ug/l	98
56) Ethyl methacrylate	9.17	69	65434	19.552	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67758	19.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	169674	97.945	ug/l	99
59) 2-Hexanone	9.49	43	271514	95.001	ug/l	99
60) Dibromochloromethane	9.57	129	42464	19.476	ug/l	97
61) 1,2-Dibromoethane	9.67	107	39633	20.274	ug/l	99
64) Tetrachloroethene	9.33	164	31031	23.000	ug/l	91
65) Chlorobenzene	10.14	112	99144	20.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	40629	20.146	ug/l	98
67) Ethyl Benzene	10.25	91	170417	20.412	ug/l	100
68) m/p-Xylenes	10.35	106	125662	41.368	ug/l	99
69) o-Xylene	10.70	106	64681	20.705	ug/l	99
70) Styrene	10.71	104	111405	20.155	ug/l	100
71) Bromoform	10.85	173	29249	18.747	ug/l #	96
73) Isopropylbenzene	11.01	105	180777	20.415	ug/l	100
74) N-amyl acetate	10.89	43	92121	19.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	68734	19.787	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80246	24.753	ug/l	87
77) Bromobenzene	11.25	156	44841	20.763	ug/l	97
78) n-propylbenzene	11.35	91	199034	20.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	128033	19.941	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	153067	20.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20547	19.418	ug/l	97
82) 4-Chlorotoluene	11.51	91	146752	19.915	ug/l	99
83) tert-Butylbenzene	11.77	119	158210	19.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	154114	19.875	ug/l	100
85) sec-Butylbenzene	11.94	105	176698	19.815	ug/l	98
86) p-Isopropyltoluene	12.06	119	162076	19.794	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	80120	19.722	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	83347	19.973	ug/l	98
89) n-Butylbenzene	12.38	91	137487	18.819	ug/l	99
90) Hexachloroethane	12.59	117	28763	19.158	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	84845	19.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17646	19.594	ug/l	98

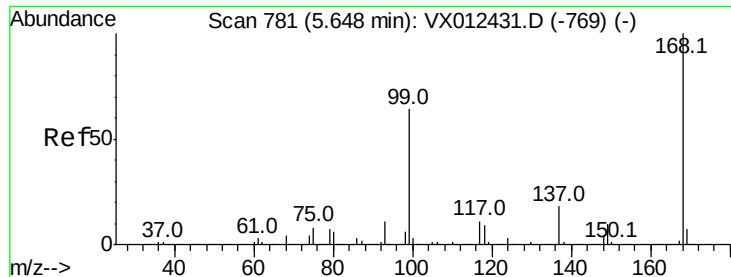
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53327	19.499	ug/l	99
94) Hexachlorobutadiene	13.77	225	23828	18.486	ug/l	99
95) Naphthalene	13.83	128	200432	20.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56379	20.230	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

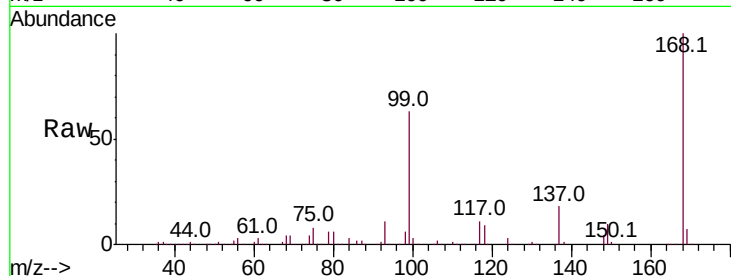
VX0918MBS01

Tot Ion:168 Resp: 196743

Ion Ratio Lower Upper

168 100

99 62.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

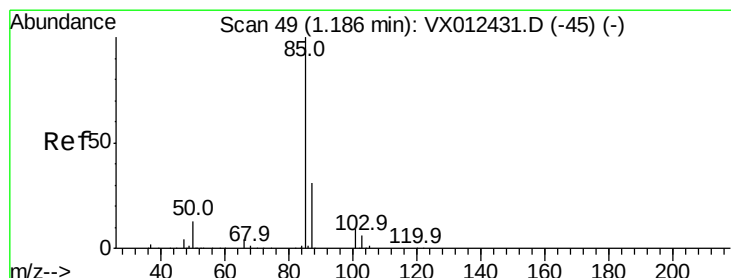
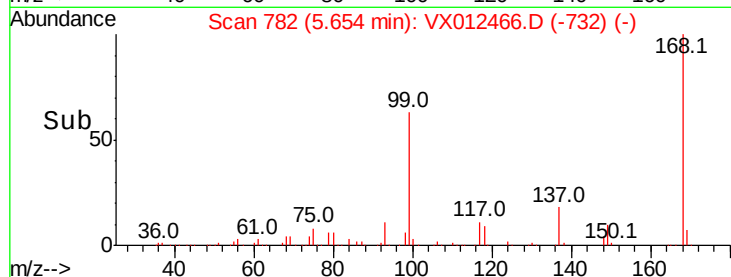
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 19.526 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012466.D

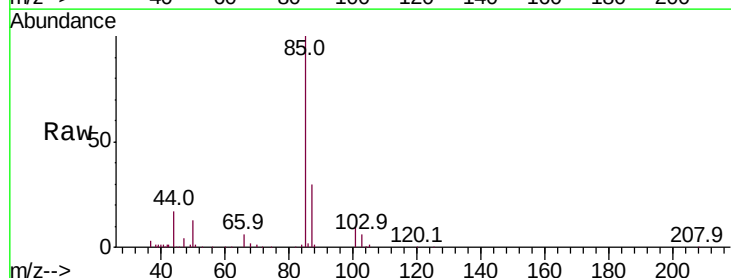
Acq: 18 Sep 2019 12:18

Tgt Ion: 85 Resp: 25315

Ion Ratio Lower Upper

85 100

87 29.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

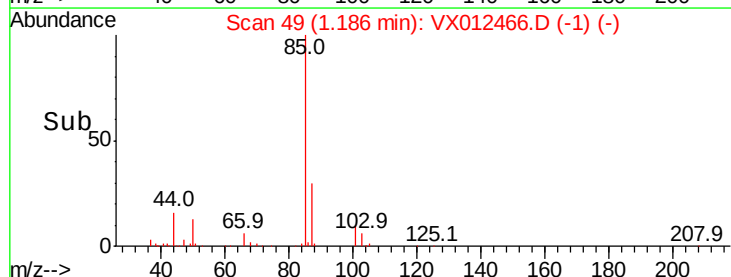
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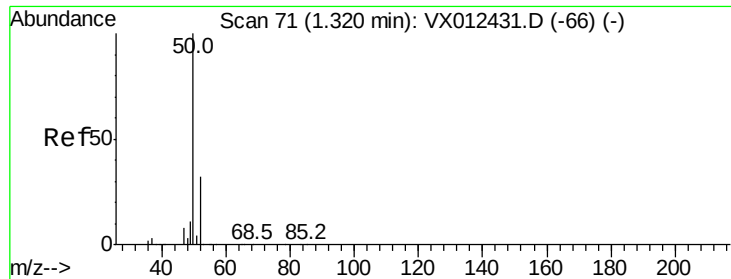
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.692 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

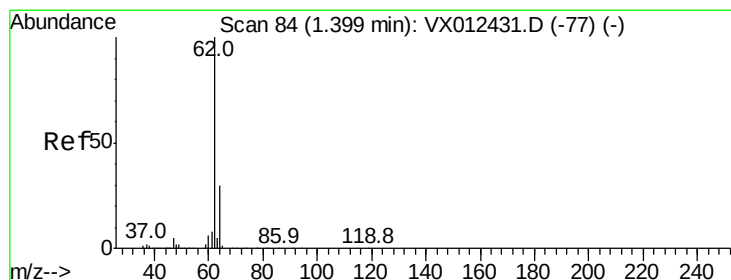
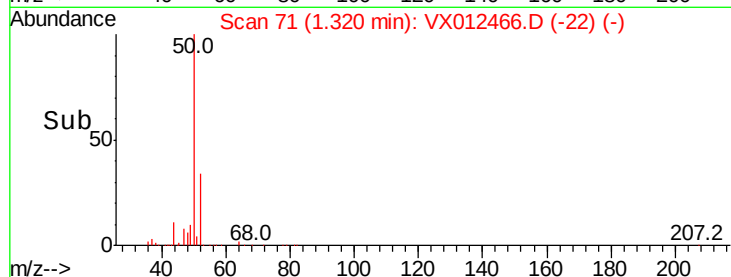
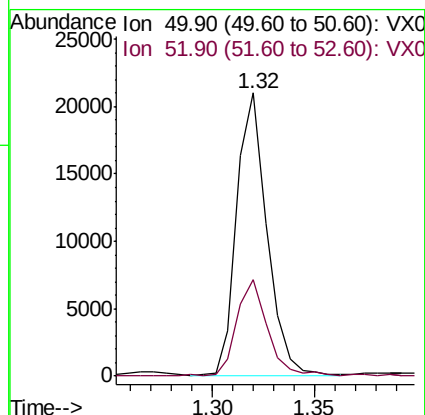
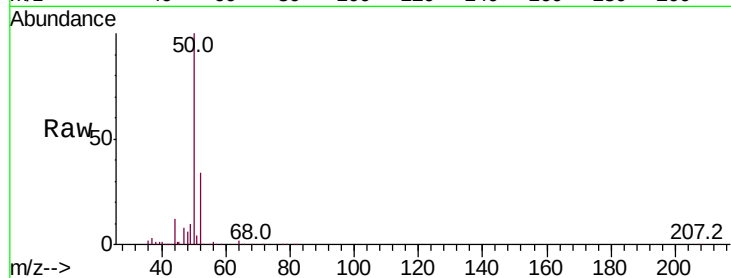
VX0918MBS01

Tot Ion: 50 Resp: 21300

Ion Ratio Lower Upper

50 100

52 33.8 25.7 38.5



#4

Vinyl Chloride

Concen: 19.931 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012466.D

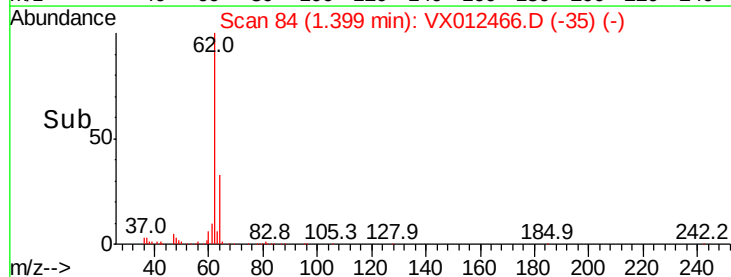
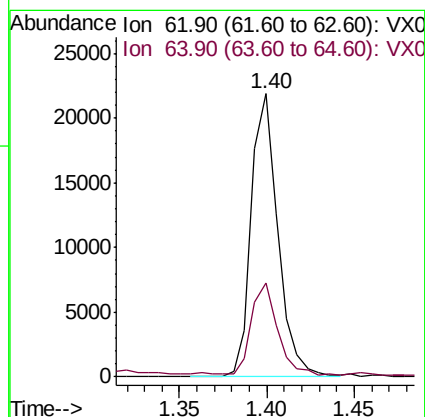
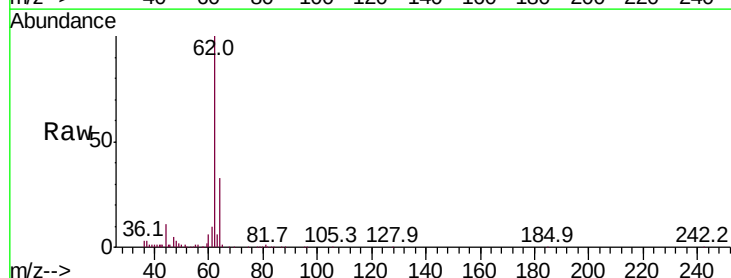
Acq: 18 Sep 2019 12:18

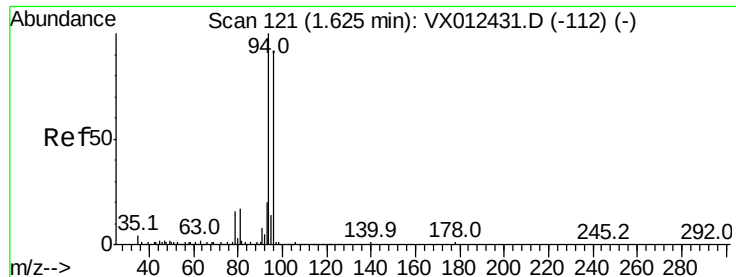
Tgt Ion: 62 Resp: 23300

Ion Ratio Lower Upper

62 100

64 32.8 24.2 36.2





#5

Bromomethane

Concen: 25.668 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

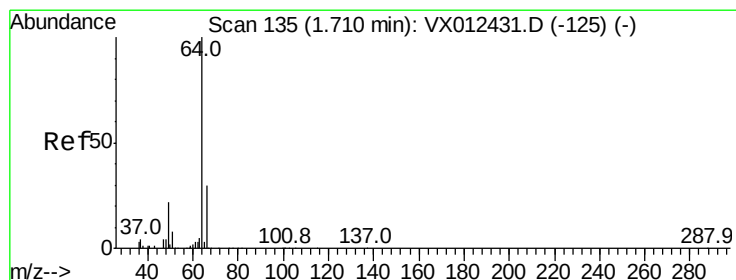
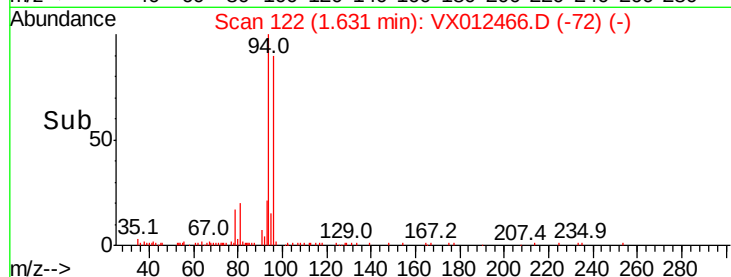
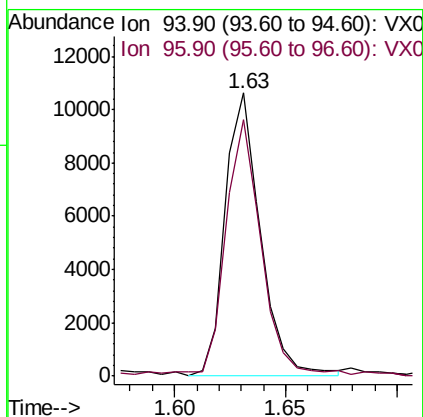
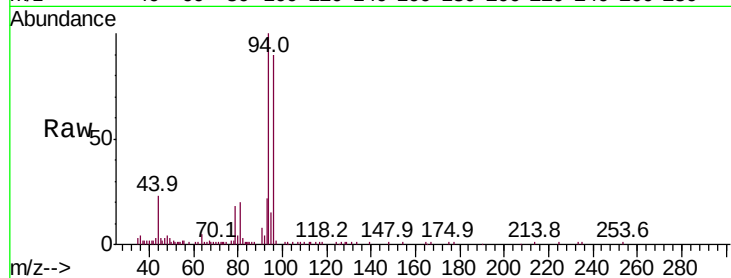
VX0918MBS01

Tot Ion: 94 Resp: 11789

Ion Ratio Lower Upper

94 100

96 89.0 72.8 109.2



#6

Chloroethane

Concen: 18.091 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012466.D

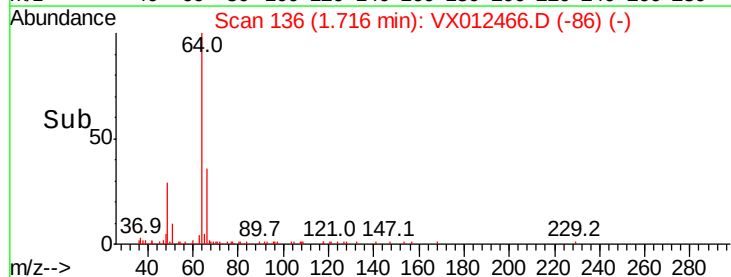
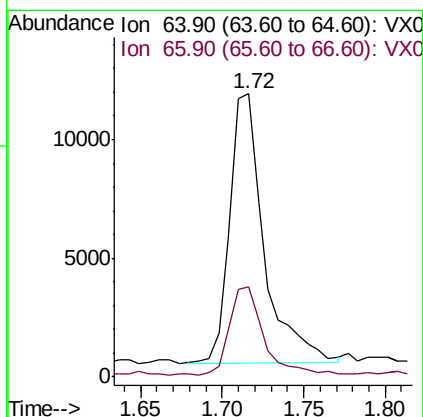
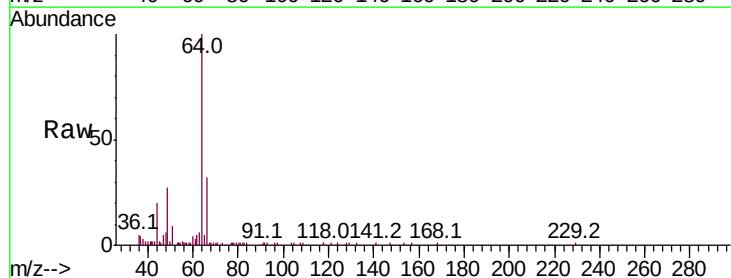
Acq: 18 Sep 2019 12:18

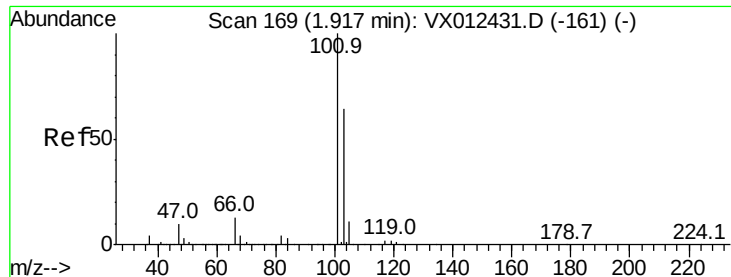
Tgt Ion: 64 Resp: 16550

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0



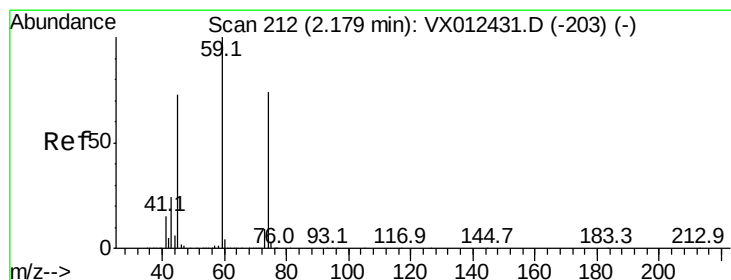
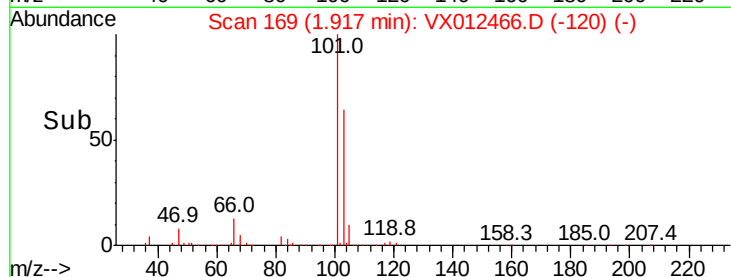
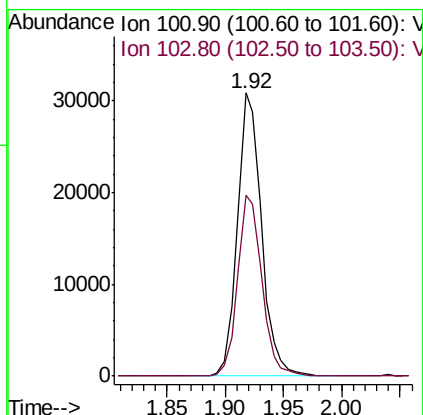
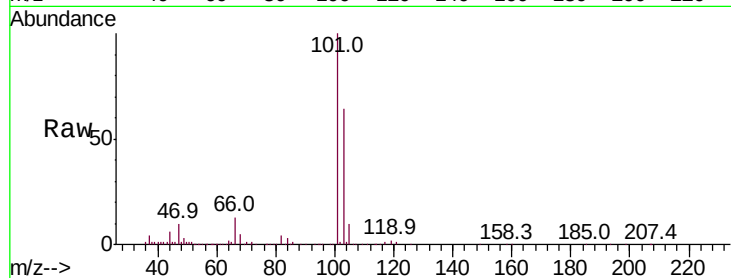


#7

Trichlorofluoromethane
Concen: 20.836 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

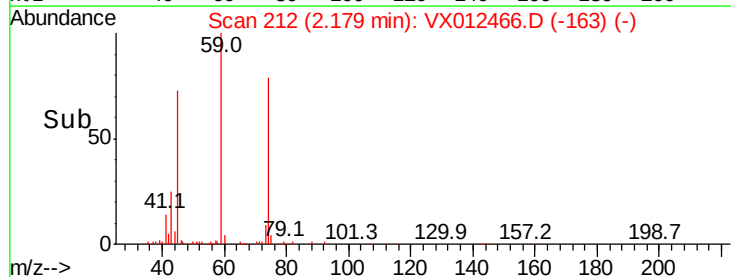
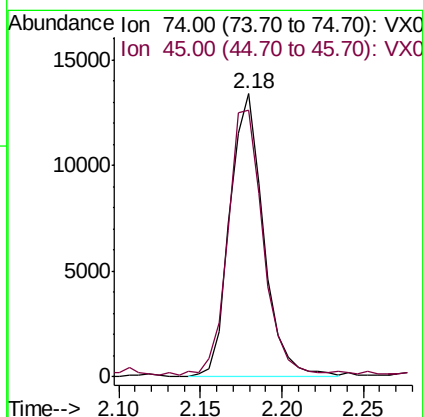
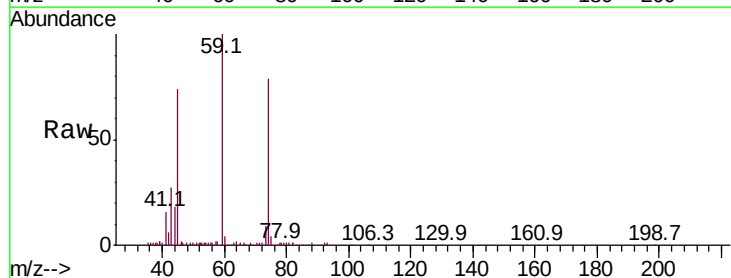
Tot Ion:101 Resp: 44653
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

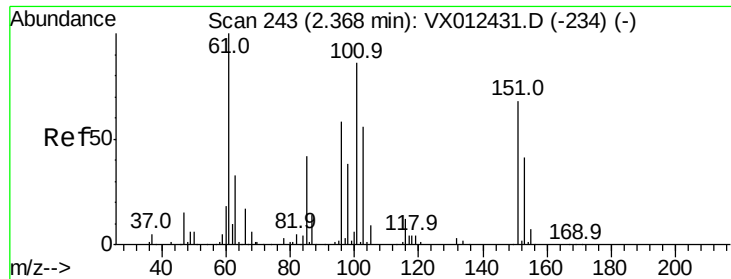


#8

Diethyl Ether
Concen: 19.981 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 74 Resp: 19341
Ion Ratio Lower Upper
74 100
45 96.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.985 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

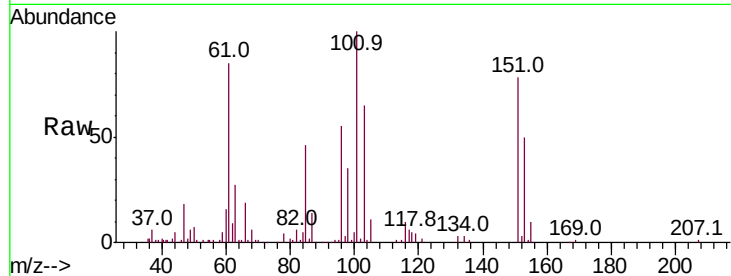
Tot Ion:101 Resp: 30988

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

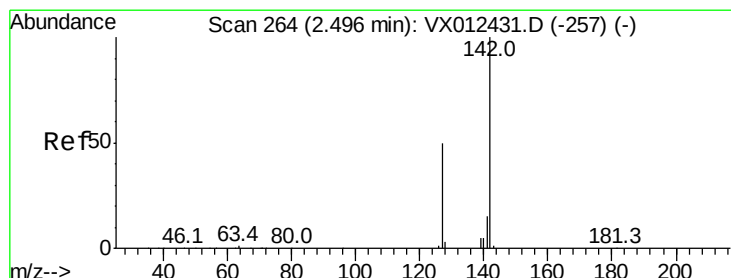
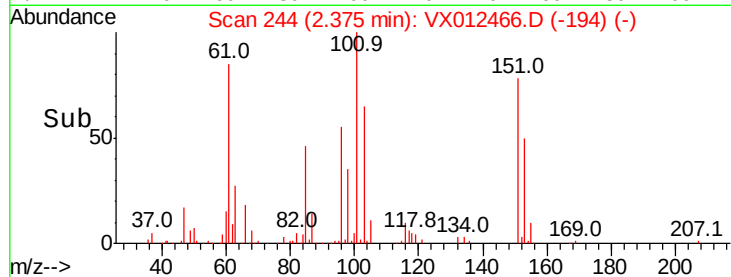
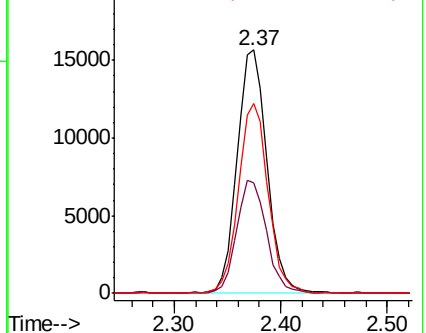
151 77.4 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.943 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

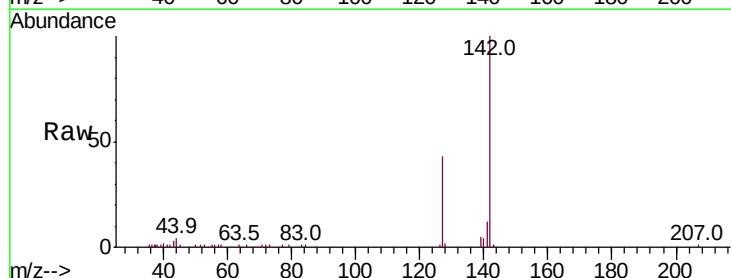
Tgt Ion:142 Resp: 22637

Ion Ratio Lower Upper

142 100

127 49.5 40.8 61.2

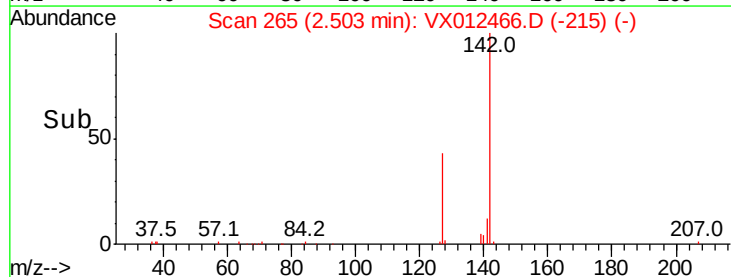
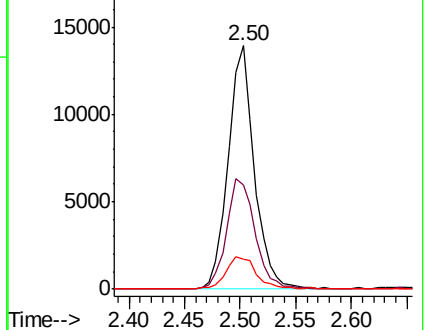
141 15.2 12.1 18.1

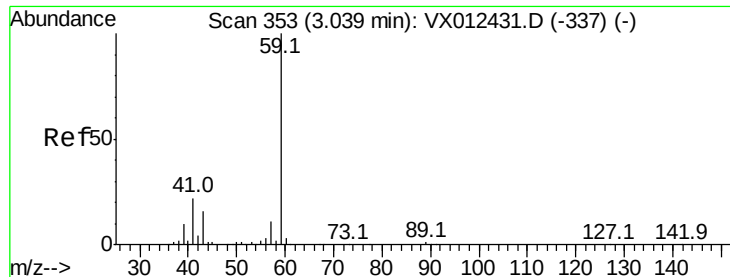


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



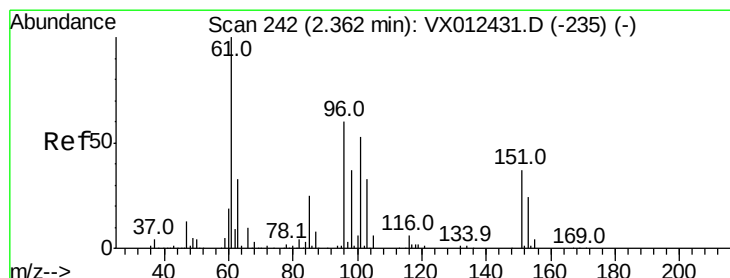
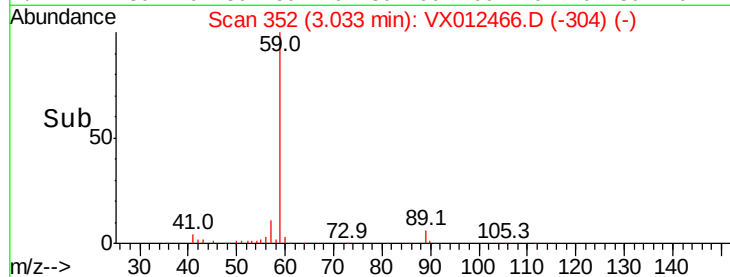
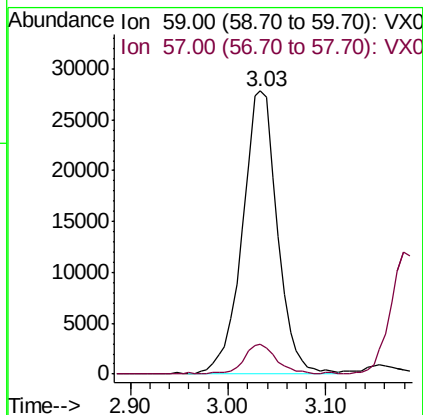
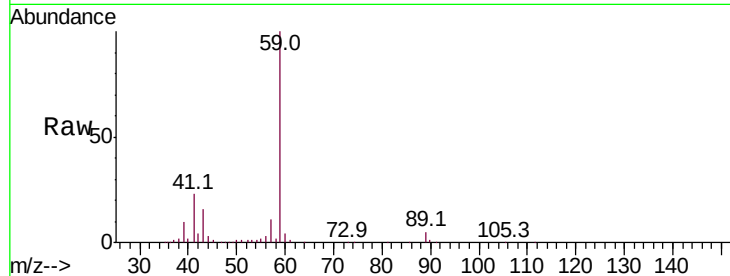


#11

Tert butyl alcohol
 Concen: 92.962 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

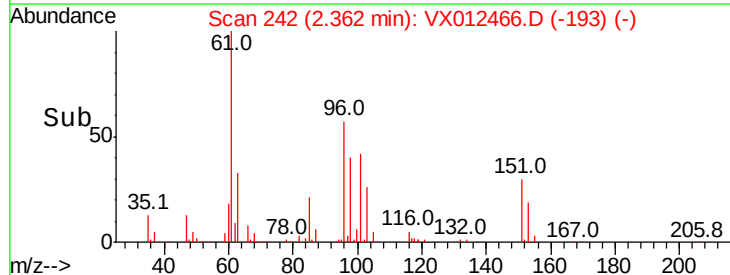
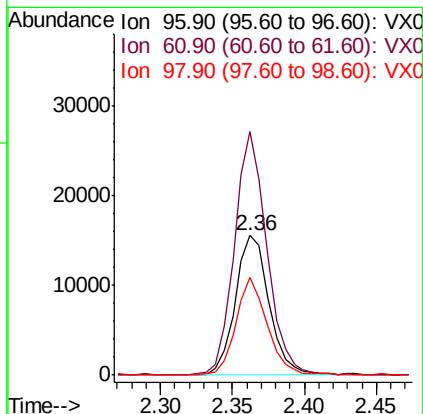
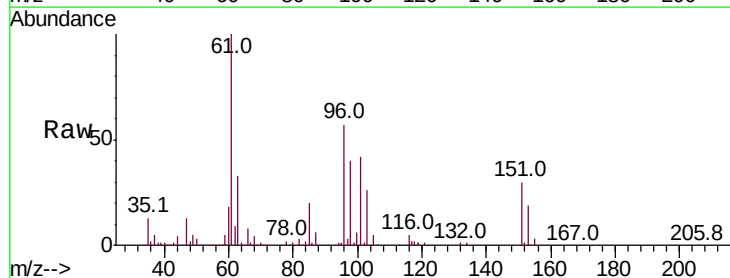
Tot Ion: 59 Resp: 69111
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

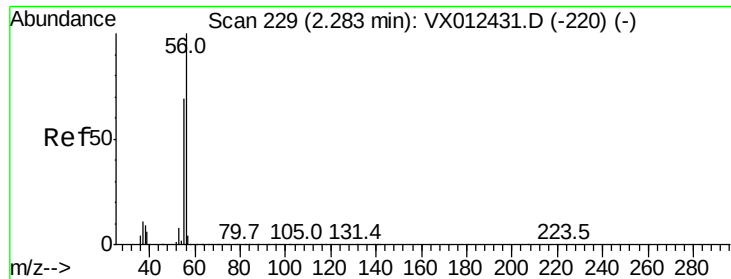


#12

1,1-Dichloroethene
 Concen: 20.633 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion: 96 Resp: 25522
 Ion Ratio Lower Upper
 96 100
 61 174.7 133.8 200.6
 98 69.7 49.9 74.9





#13

Acrolein

Concen: 70.904 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

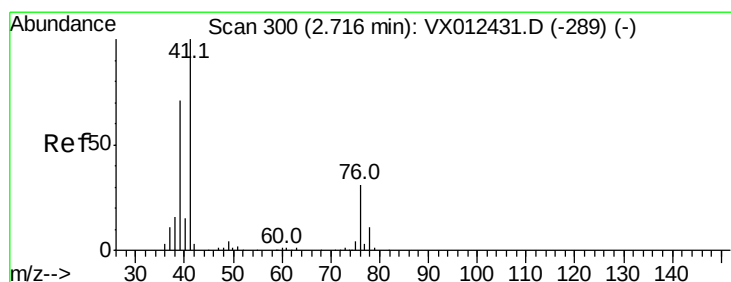
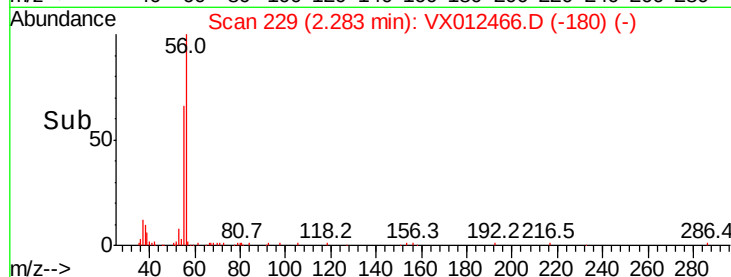
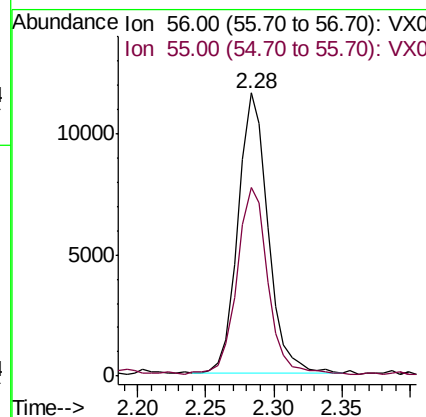
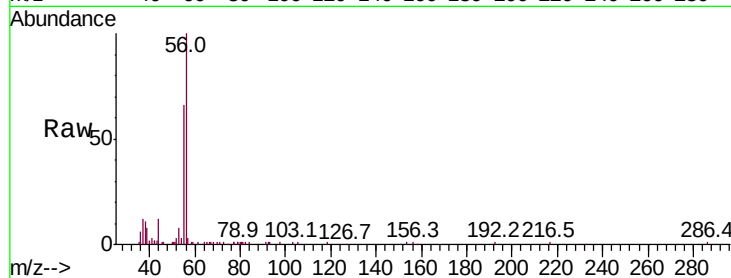
VX0918MBS01

Tot Ion: 56 Resp: 17854

Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8



#14

Allyl chloride

Concen: 19.623 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

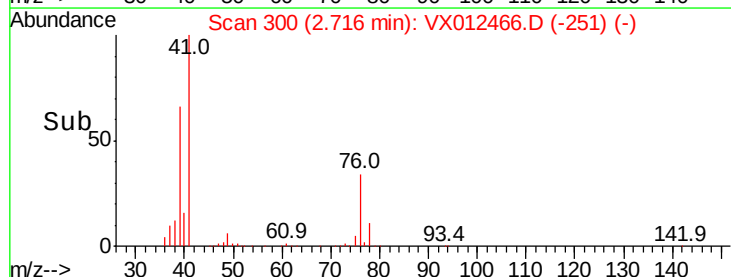
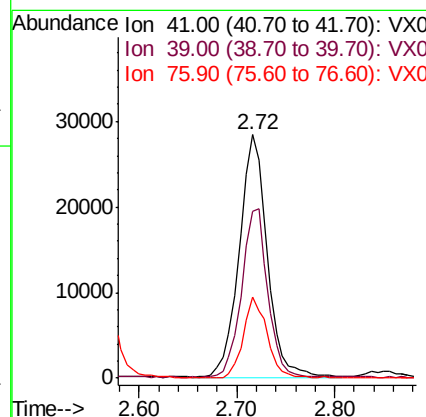
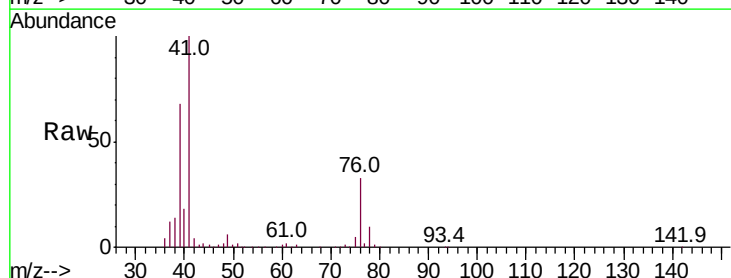
Tgt Ion: 41 Resp: 56510

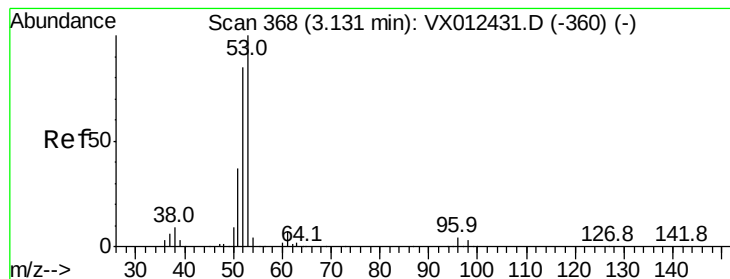
Ion Ratio Lower Upper

41 100

39 64.9 51.3 76.9

76 28.4 22.6 33.8





#15

Acrylonitrile

Concen: 99.369 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

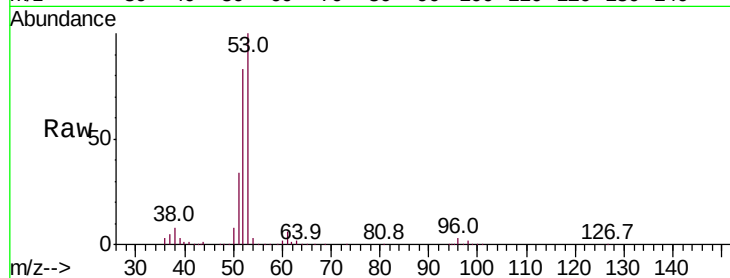
Tot Ion: 53 Resp: 121418

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

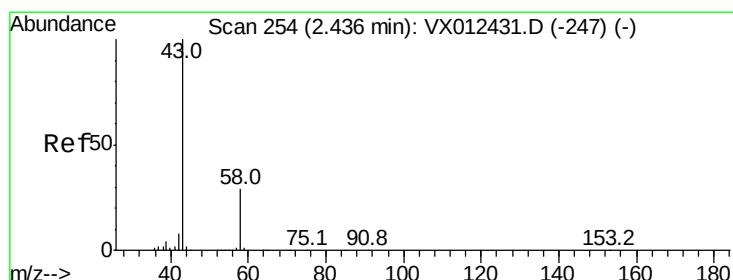
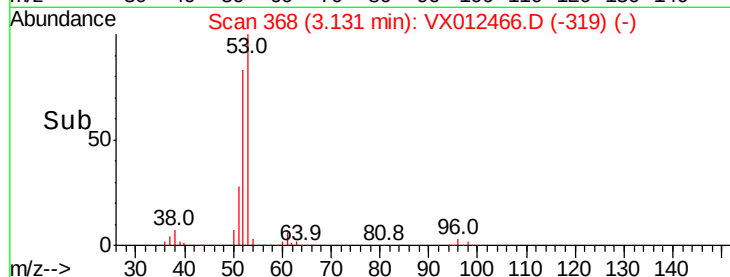
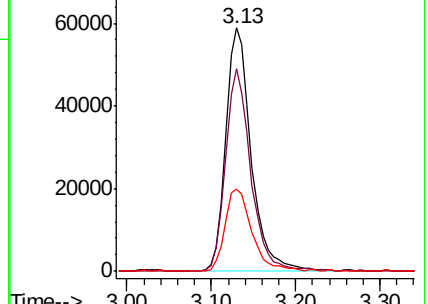
51 36.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.448 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012466.D

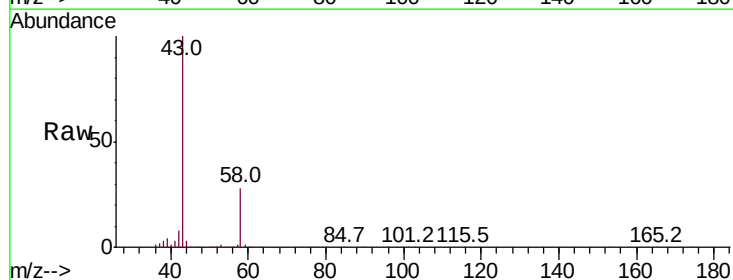
Acq: 18 Sep 2019 12:18

Tgt Ion: 43 Resp: 126821

Ion Ratio Lower Upper

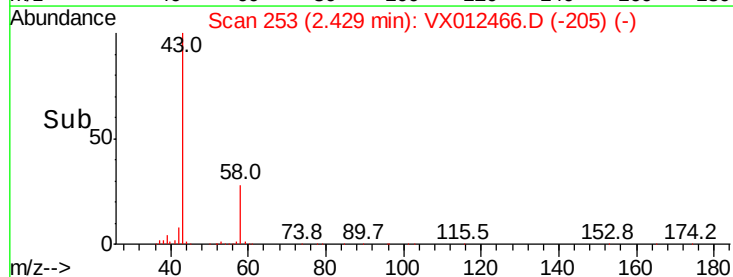
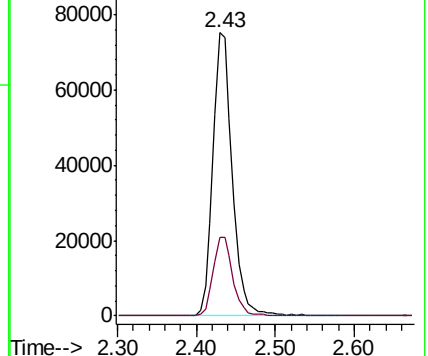
43 100

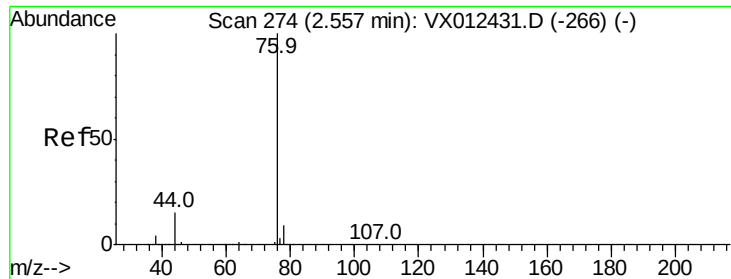
58 27.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.276 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

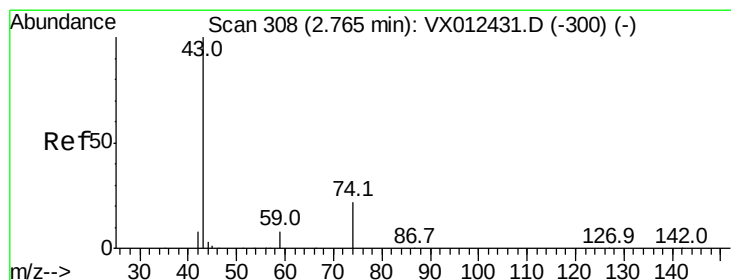
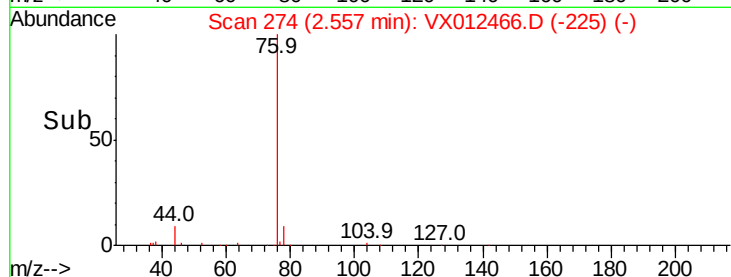
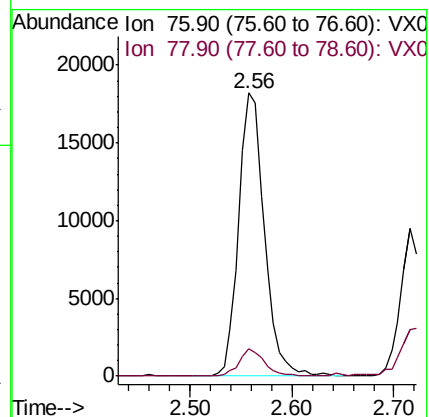
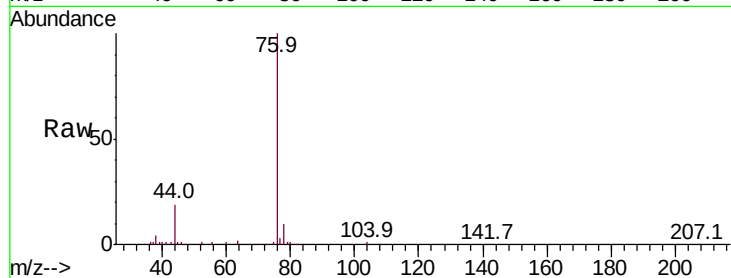
VX0918MBS01

Tot Ion: 76 Resp: 31705

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 19.629 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012466.D

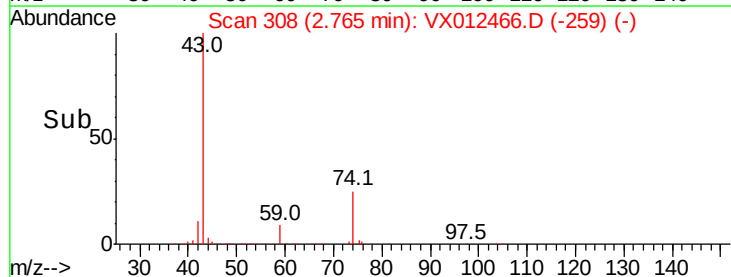
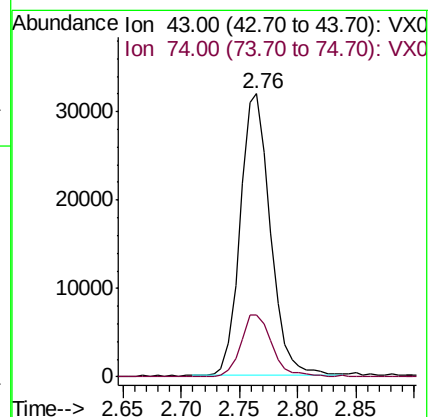
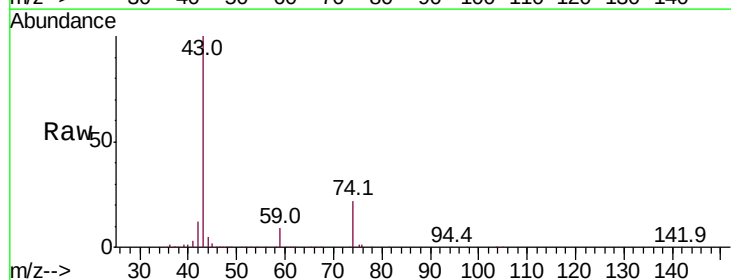
Acq: 18 Sep 2019 12:18

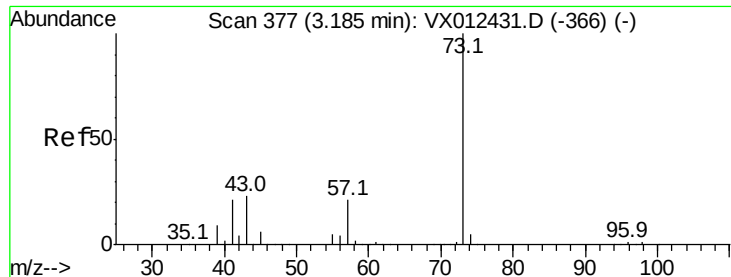
Tgt Ion: 43 Resp: 57676

Ion Ratio Lower Upper

43 100

74 23.3 17.7 26.5





#19

Methvl tert-butyl Ether

Concen: 19.743 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

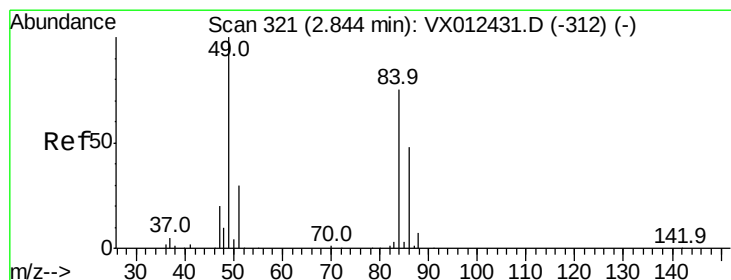
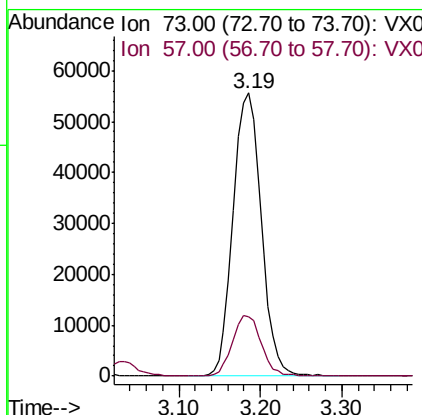
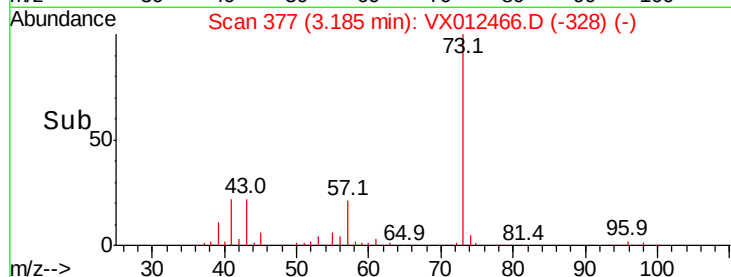
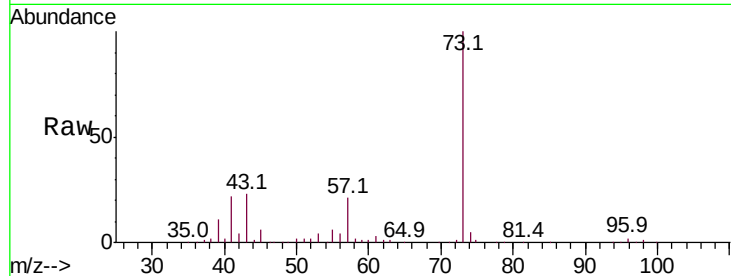
Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion: 73 Resp: 133154

Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.8	25.2



#20

Methylene Chloride

Concen: 19.637 ug/l

RT: 2.84 min Scan# 321

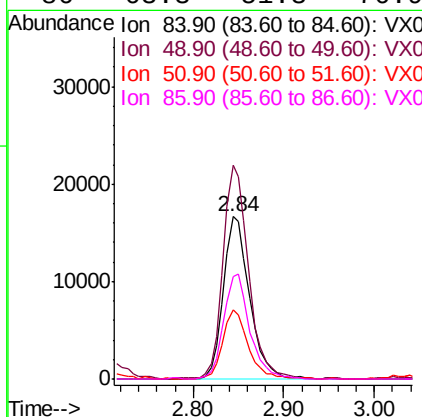
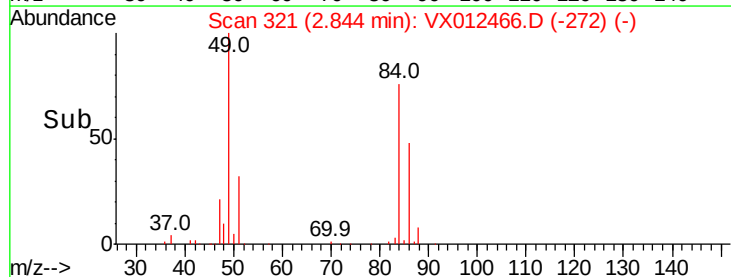
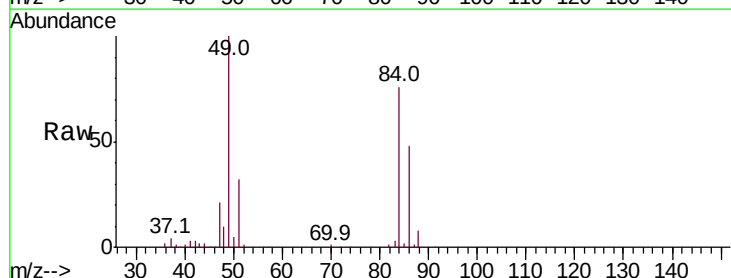
Delta R.T. 0.00 min

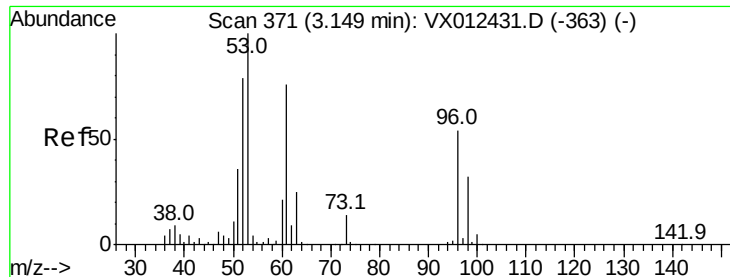
Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Tgt Ion: 84 Resp: 33510

Ion	Ratio	Lower	Upper
84	100		
49	131.3	106.8	160.2
51	42.6	32.3	48.5
86	63.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 20.862 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

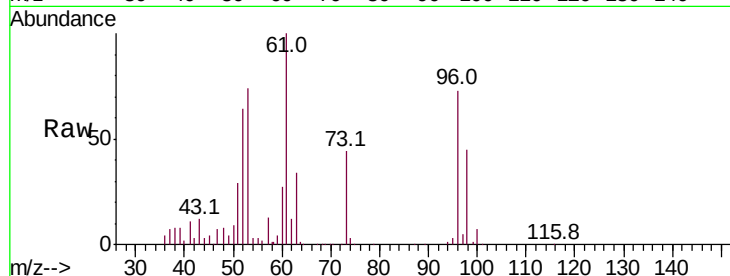
Tot Ion: 96 Resp: 26796

Ion Ratio Lower Upper

96 100

61 136.5 112.0 168.0

98 60.9 47.8 71.8



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

25000

20000

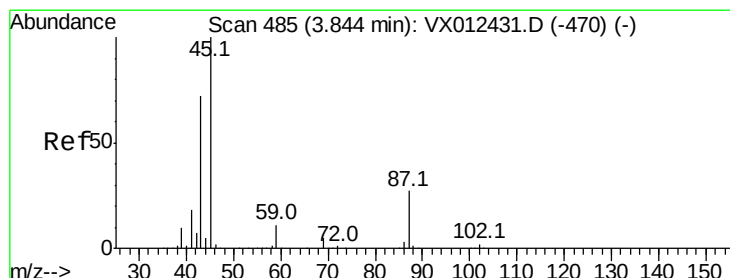
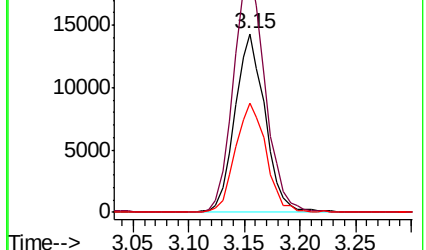
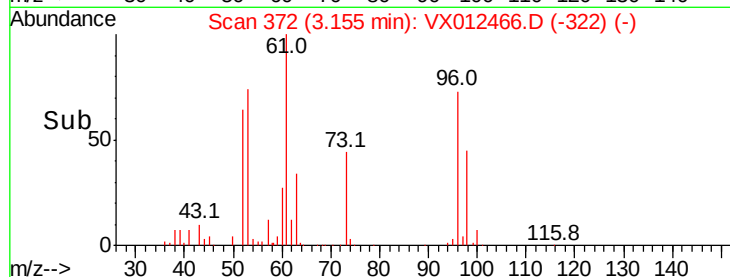
15000

10000

5000

0

Time--> 3.05 3.10 3.15 3.20 3.25



#22

Diisopropyl ether

Concen: 19.673 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Tgt Ion: 45 Resp: 132647

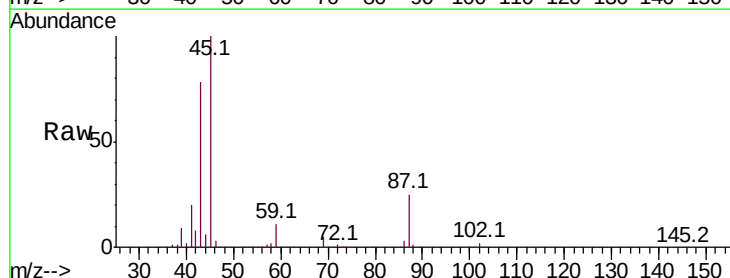
Ion Ratio Lower Upper

45 100

43 77.3 57.8 86.8

87 25.2 21.3 31.9

59 11.5 8.5 12.7



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

300000

250000

200000

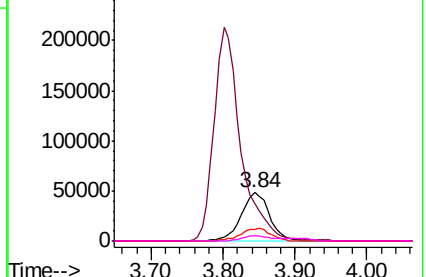
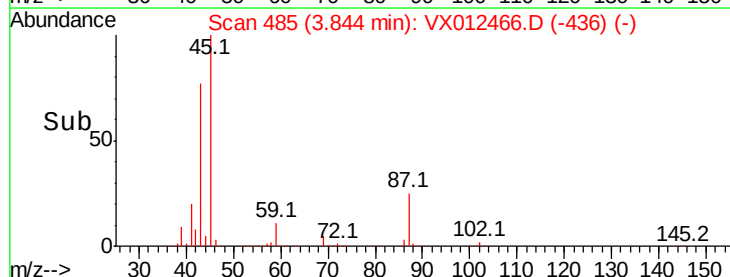
150000

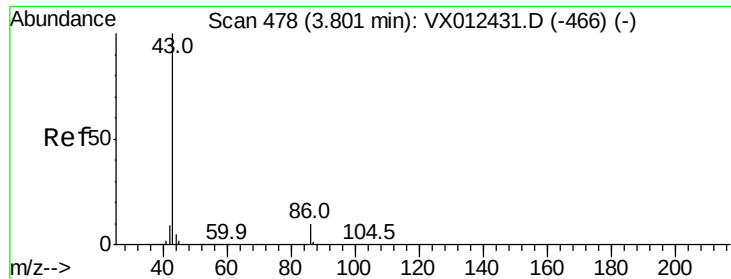
100000

50000

0

Time--> 3.70 3.80 3.90 4.00





#23

Vinyl Acetate

Concen: 99.030 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

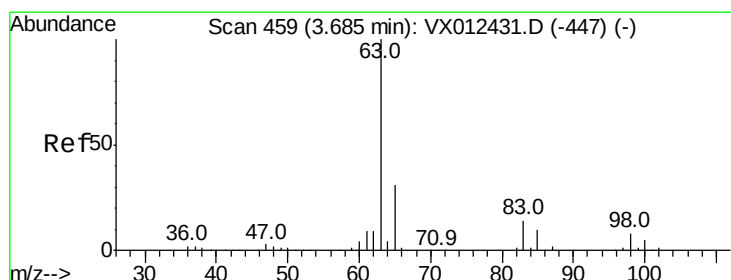
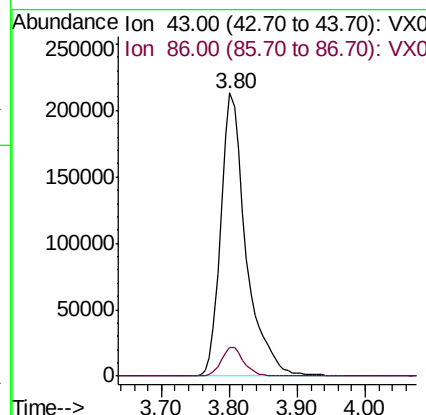
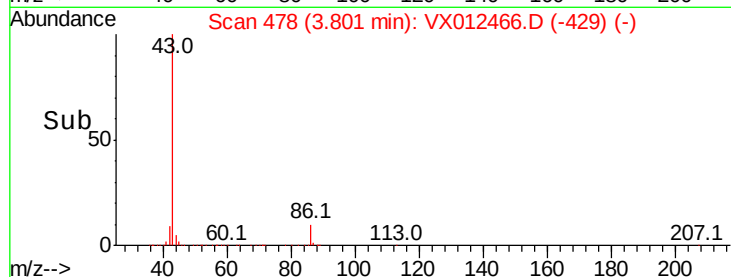
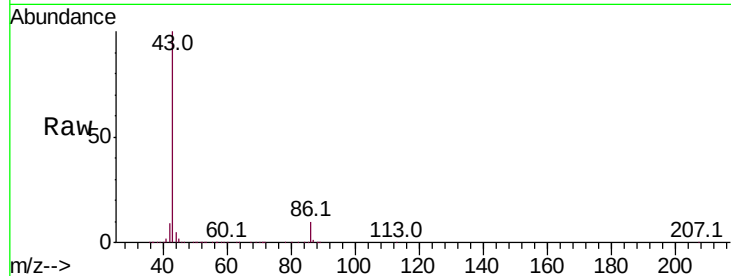
VX0918MBS01

Tot Ion: 43 Resp: 549283

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.222 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

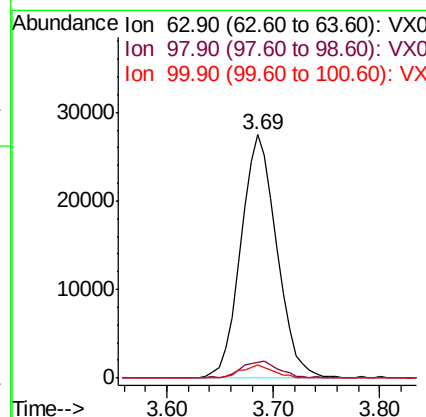
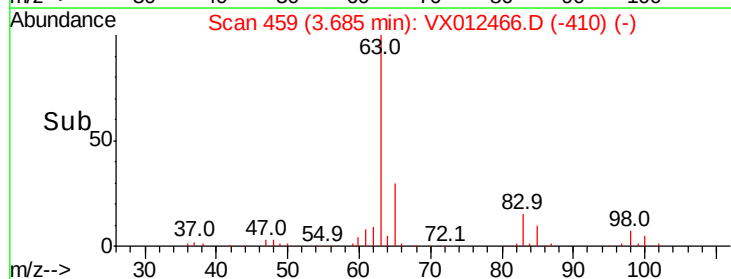
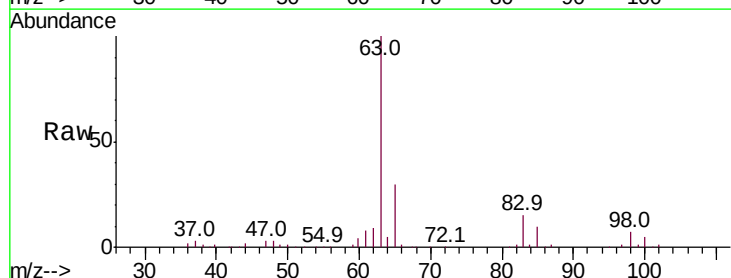
Tgt Ion: 63 Resp: 65239

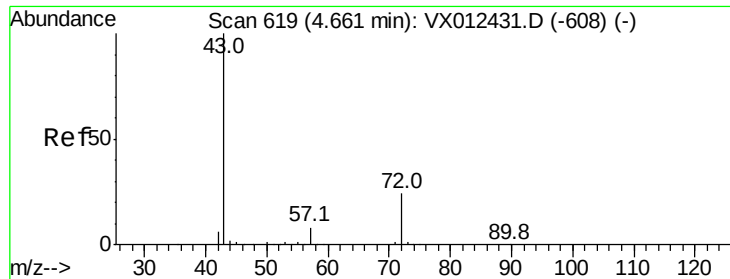
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 5.2 2.3 6.9





#25

2-Butanone

Concen: 94.412 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

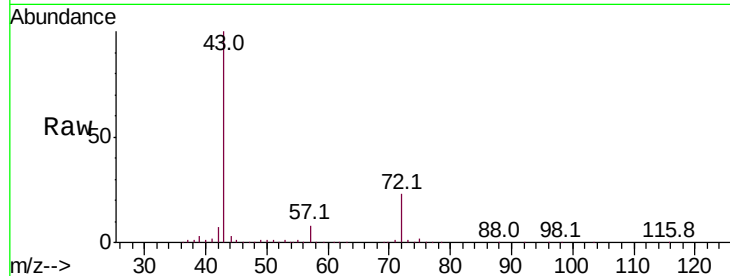
VX0918MBS01

Tot Ion: 43 Resp: 184664

Ion Ratio Lower Upper

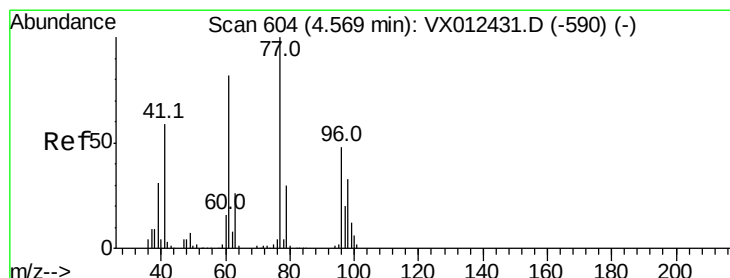
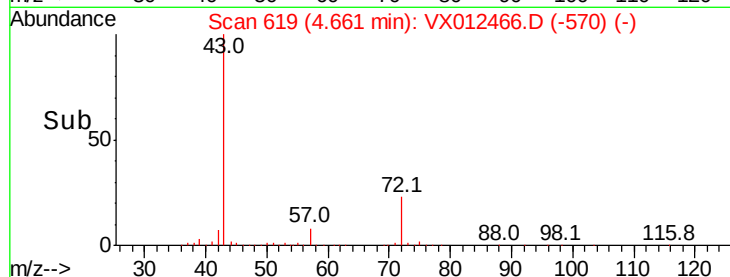
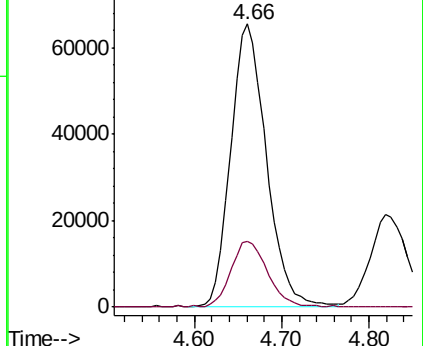
43 100

72 23.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.548 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012466.D

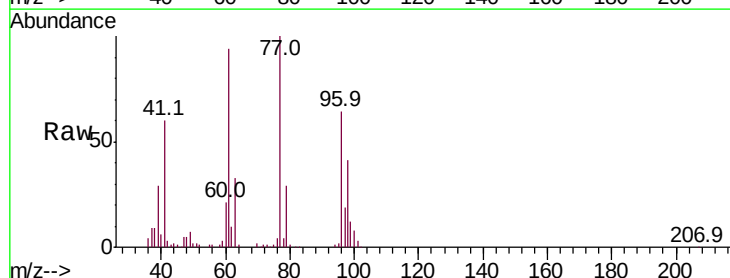
Acq: 18 Sep 2019 12:18

Tgt Ion: 77 Resp: 58851

Ion Ratio Lower Upper

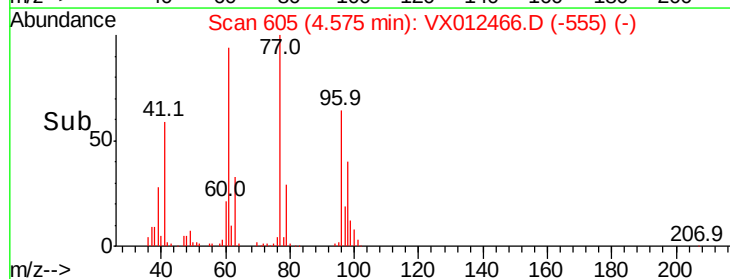
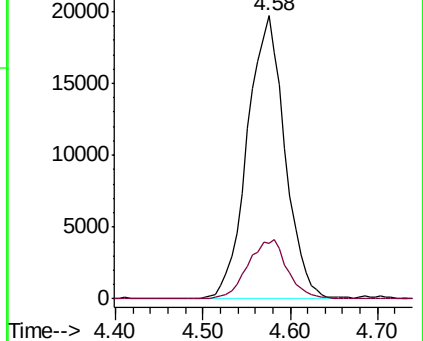
77 100

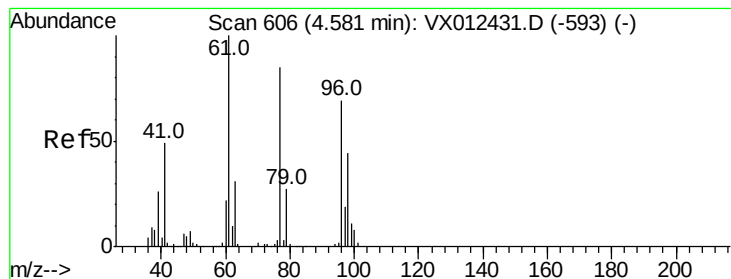
97 21.8 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.321 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

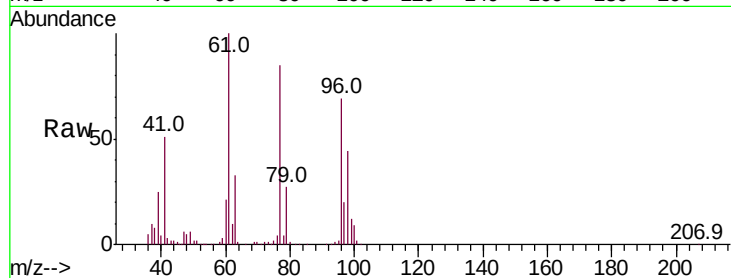
Tot Ion: 96 Resp: 38991

Ion Ratio Lower Upper

96 100

61 156.0 0.0 319.4

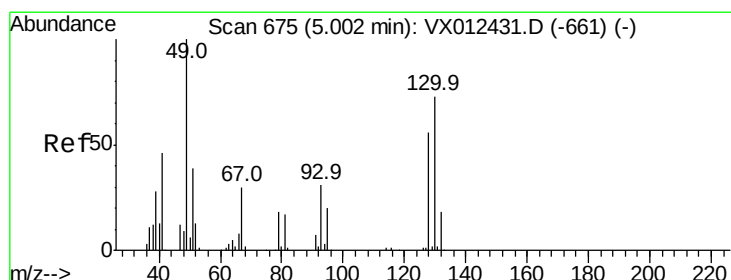
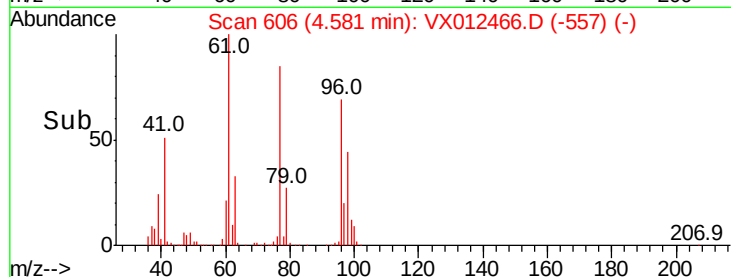
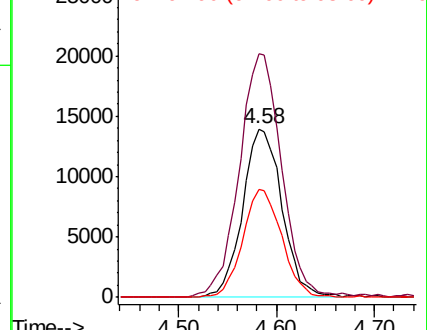
98 63.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.163 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

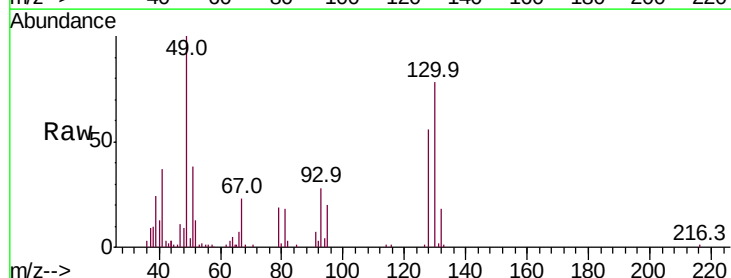
Tgt Ion: 49 Resp: 31872

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

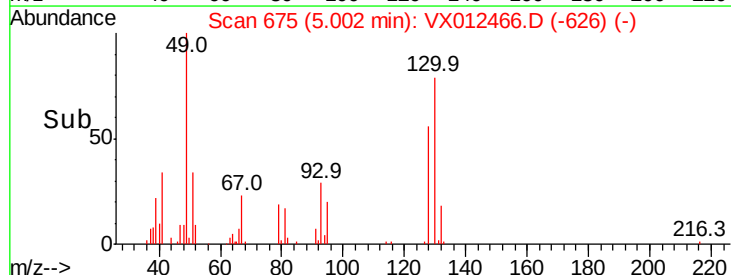
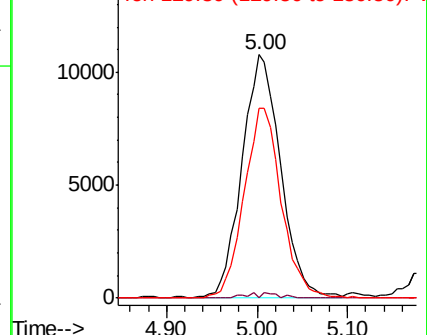
130 75.0 58.2 87.4

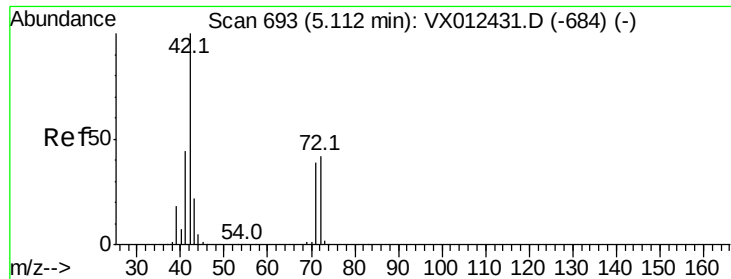


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.383 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

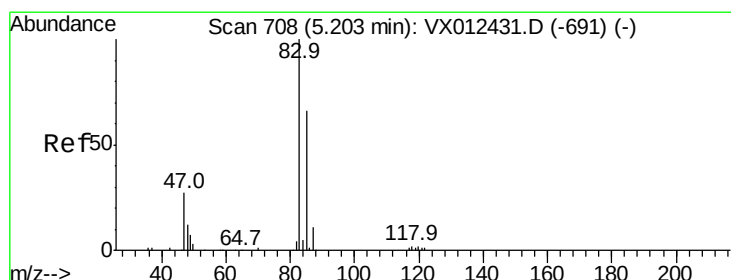
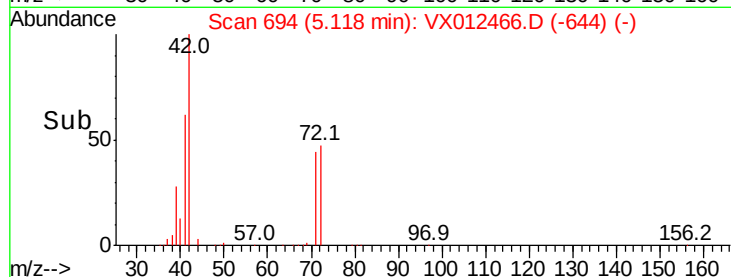
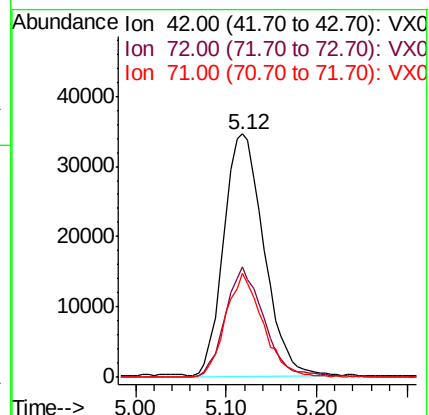
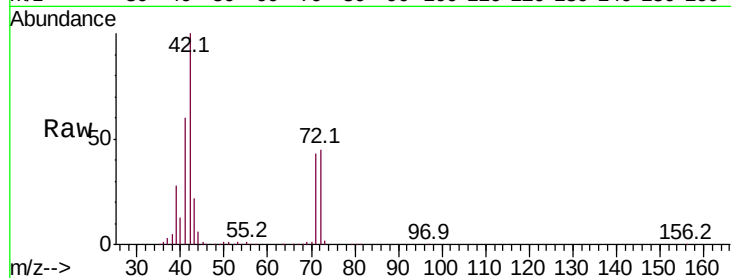
Tot Ion: 42 Resp: 106306

Ion Ratio Lower Upper

42 100

72 44.1 34.0 51.0

71 39.9 31.5 47.3



#30

Chloroform

Concen: 19.630 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012466.D

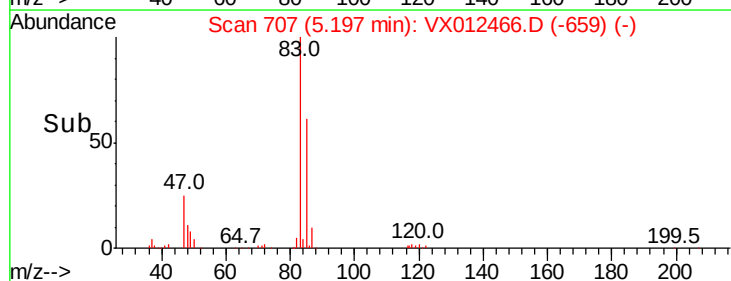
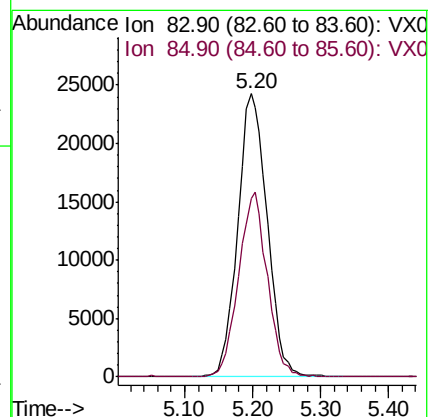
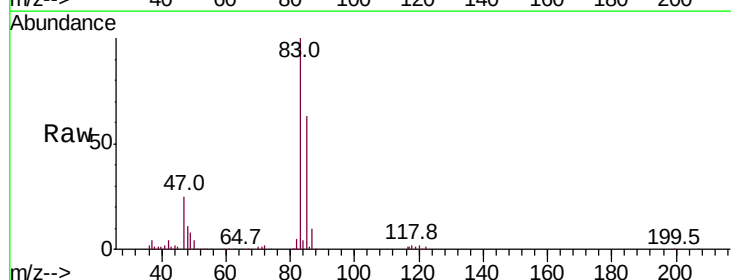
Acq: 18 Sep 2019 12:18

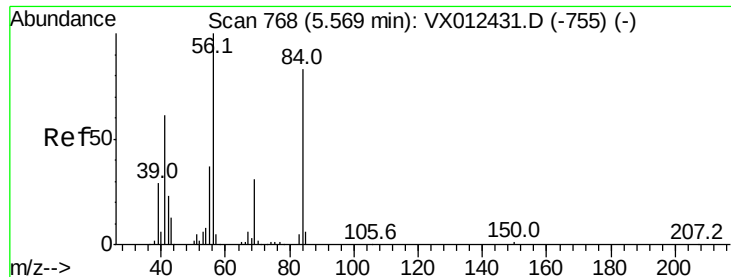
Tgt Ion: 83 Resp: 72732

Ion Ratio Lower Upper

83 100

85 63.1 53.0 79.4

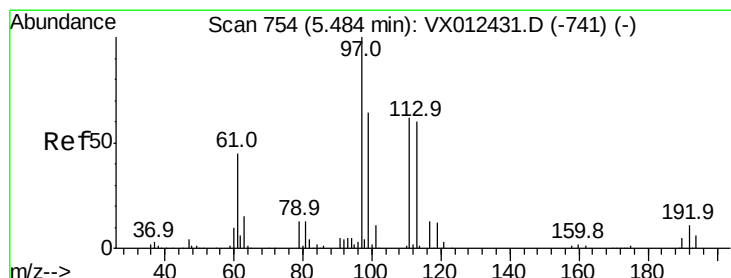
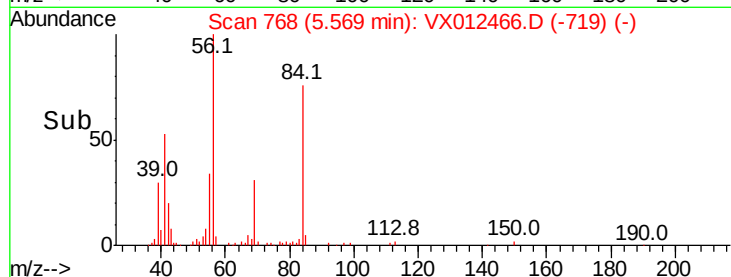
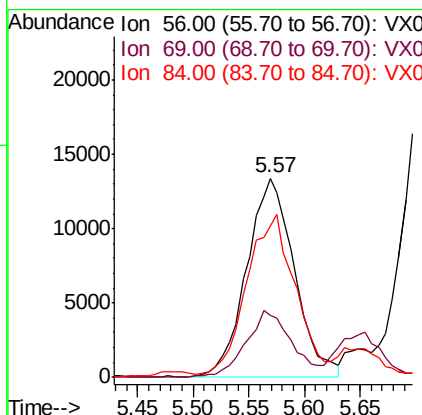
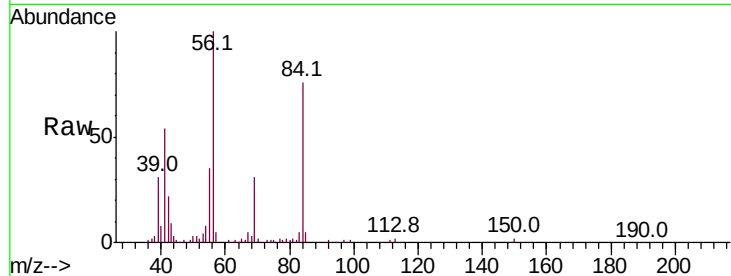




#31
Cyclohexane
Concen: 20.575 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

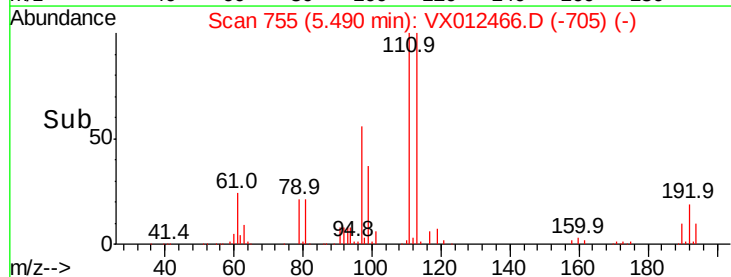
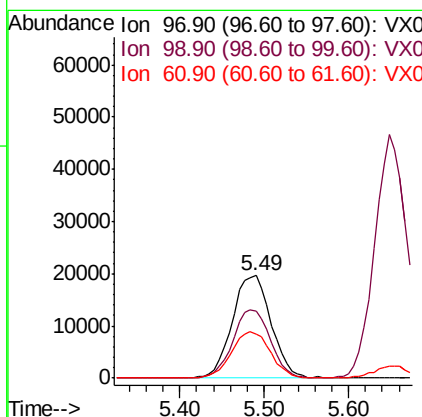
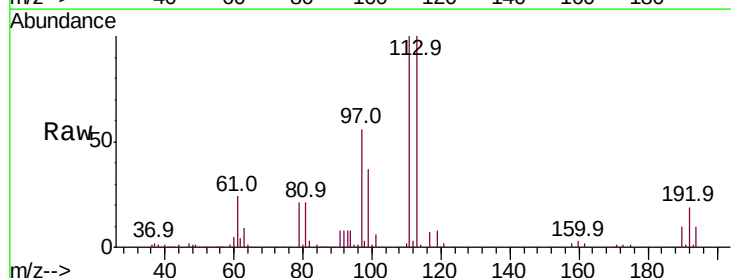
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

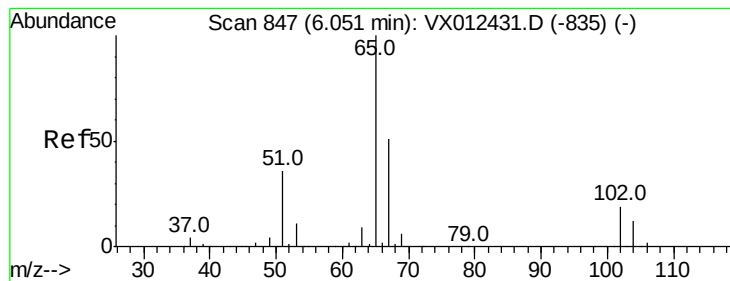
Tot Ion: 56 Resp: 40069
Ion Ratio Lower Upper
56 100
69 29.8 25.0 37.6
84 73.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.792 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 97 Resp: 61291
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 45.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.638 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

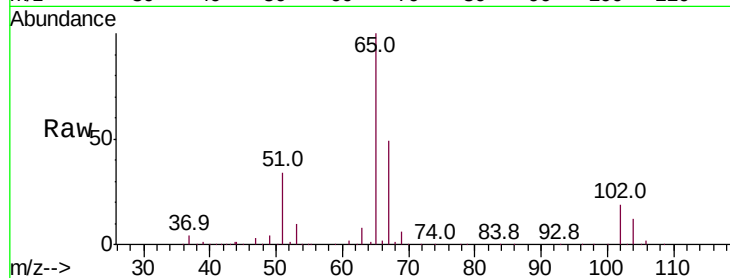
VX0918MBS01

Tot Ion: 65 Resp: 134325

Ion Ratio Lower Upper

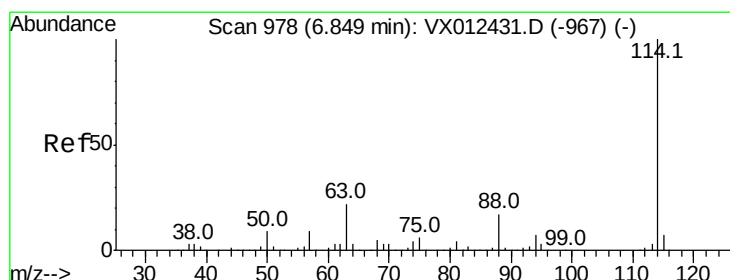
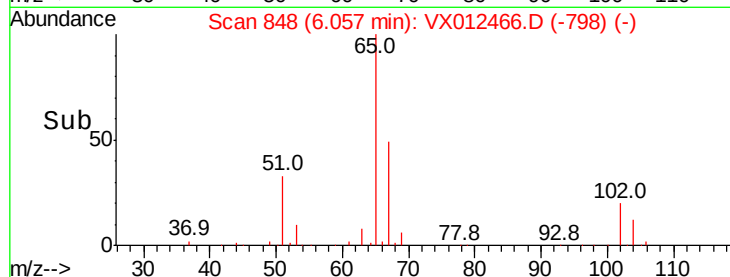
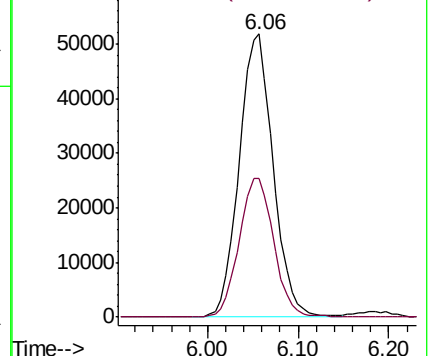
65 100

67 50.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

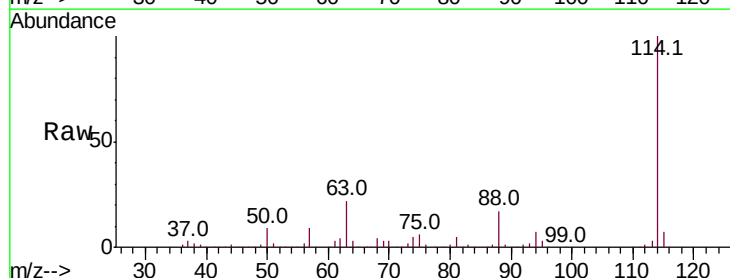
Tgt Ion: 114 Resp: 333622

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

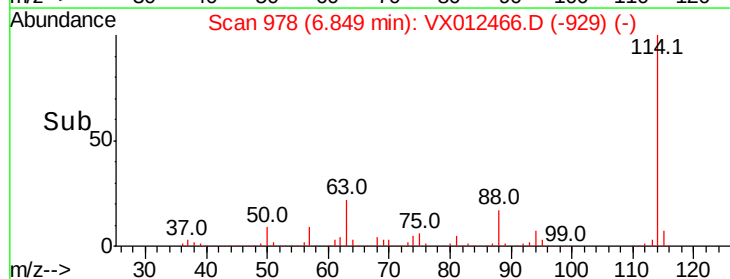
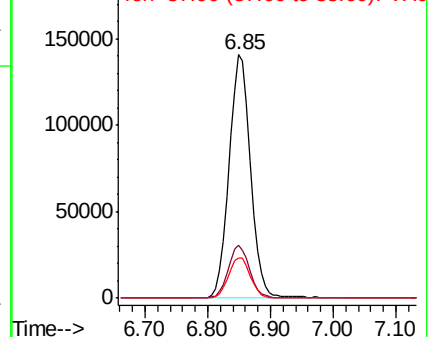
88 16.6 0.0 33.2

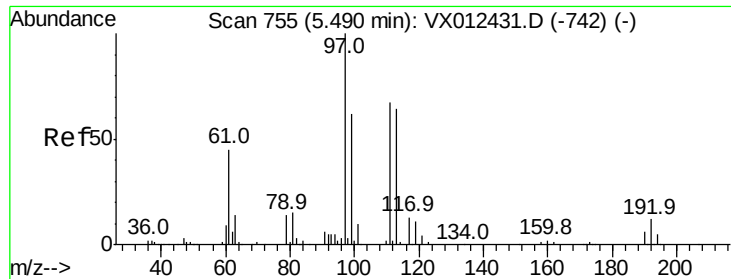


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

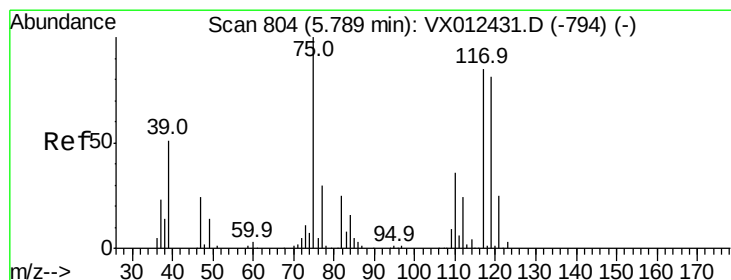
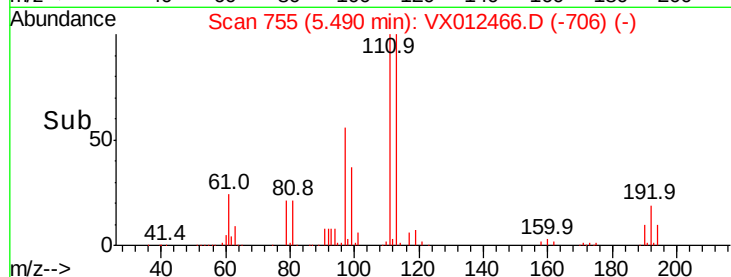
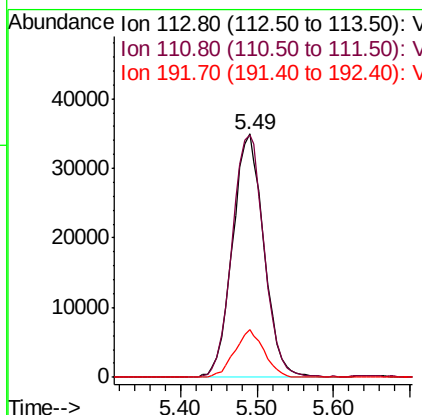
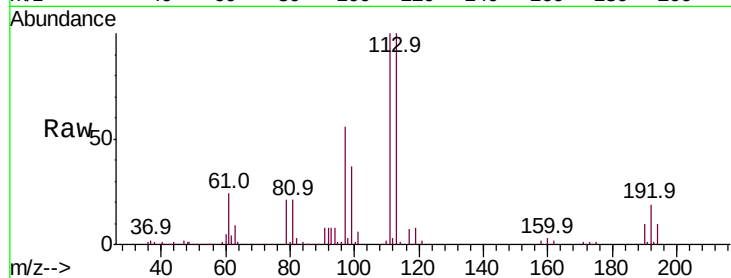




#35
 Dibromofluoromethane
 Concen: 49.005 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

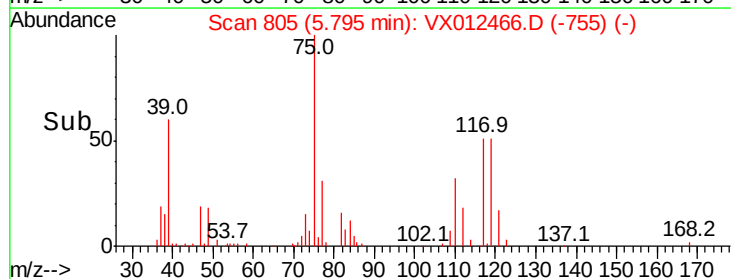
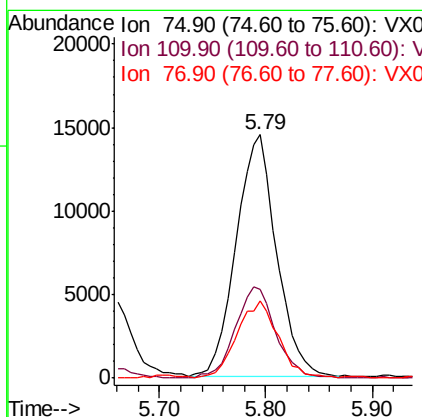
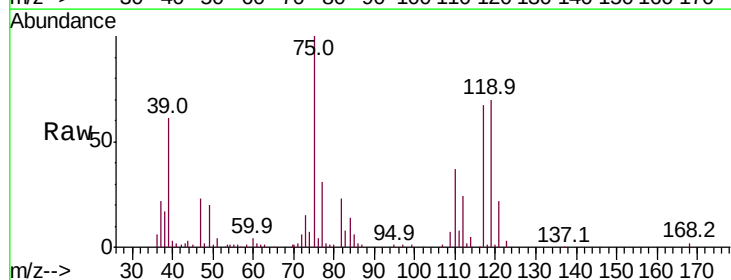
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

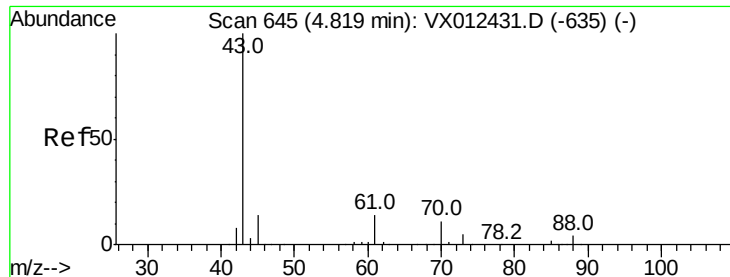
Tot Ion:113 Resp: 98954
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.2
 192 18.5 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 18.921 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion: 75 Resp: 38364
 Ion Ratio Lower Upper
 75 100
 110 38.0 16.7 50.0
 77 32.6 24.2 36.2





#37

Ethyl Acetate

Concen: 20.371 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0918MBS01

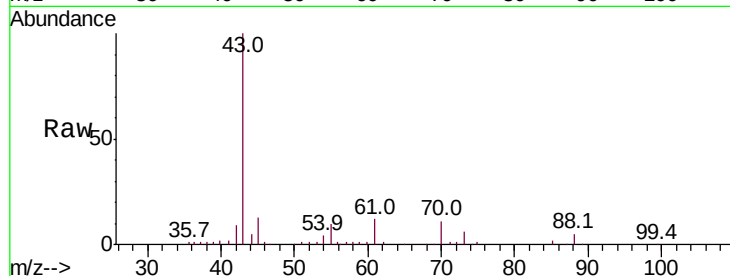
Tot Ion: 43 Resp: 63401

Ion Ratio Lower Upper

43 100

61 14.1 10.2 15.4

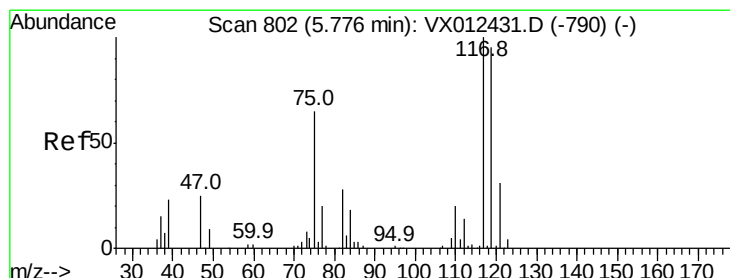
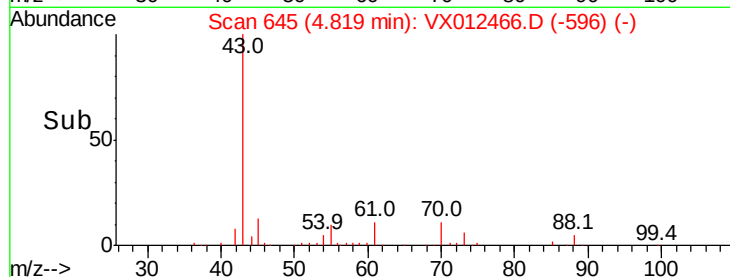
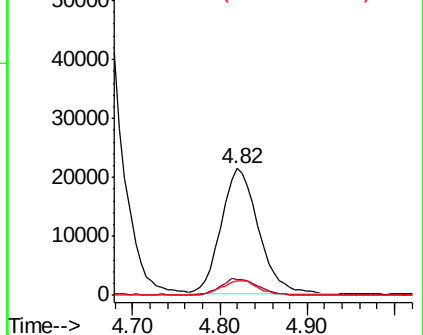
70 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.176 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

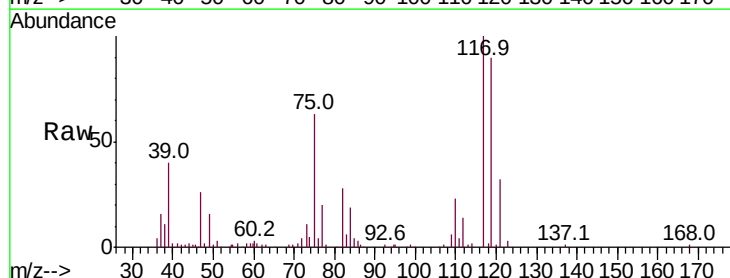
Tgt Ion: 117 Resp: 48357

Ion Ratio Lower Upper

117 100

119 89.6 75.7 113.5

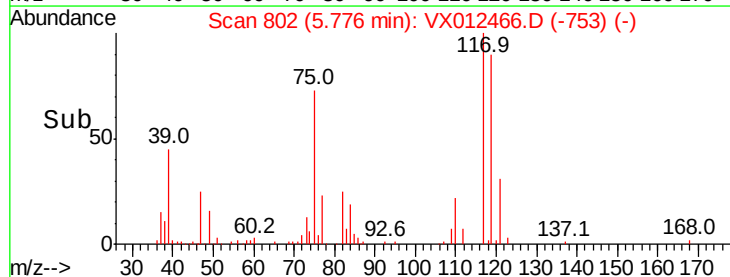
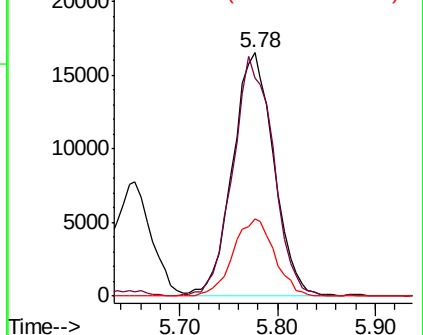
121 31.7 24.2 36.4

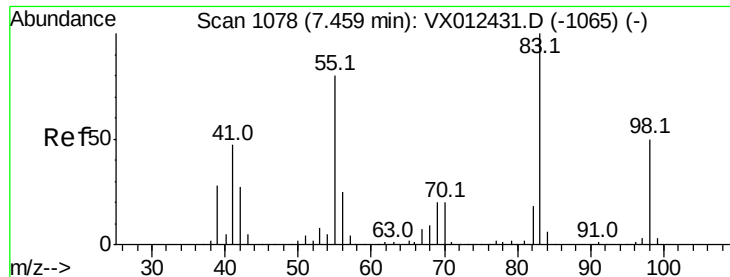


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

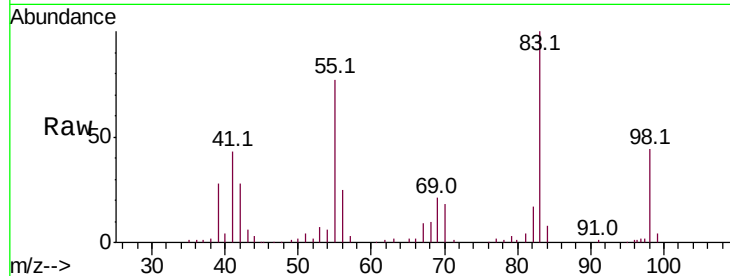




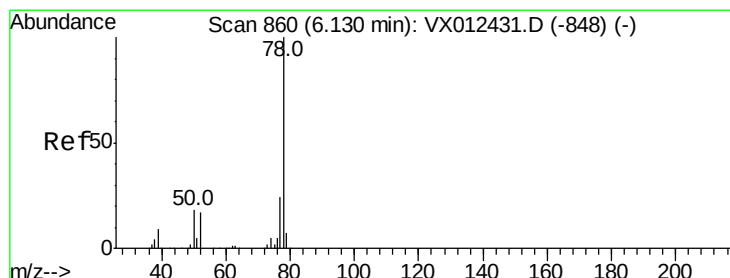
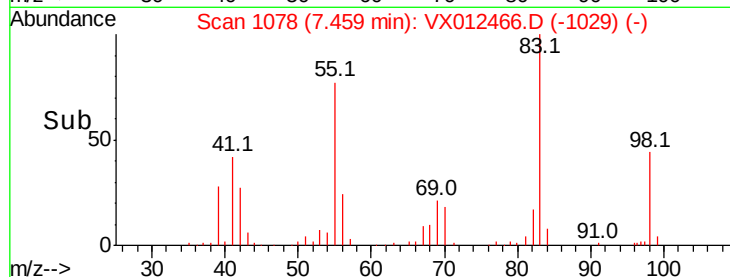
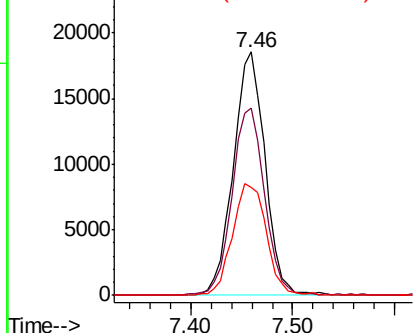
#39
Methvlcvclohexane
Concen: 20.236 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion: 83 Resp: 39887
Ion Ratio Lower Upper
83 100
55 76.7 64.4 96.6
98 44.4 40.1 60.1

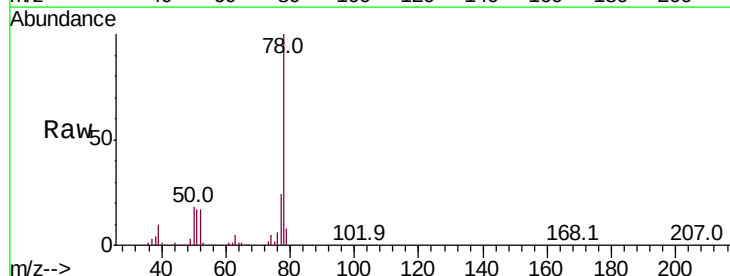


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

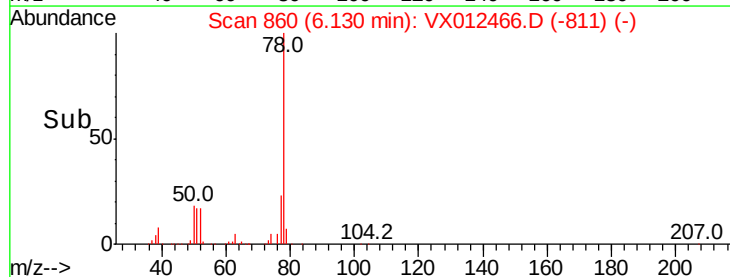
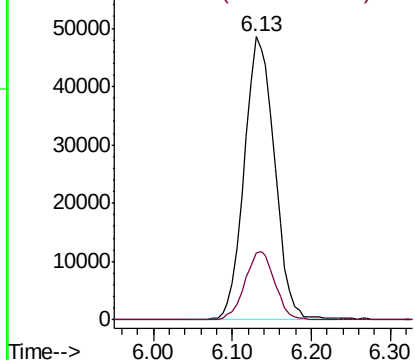


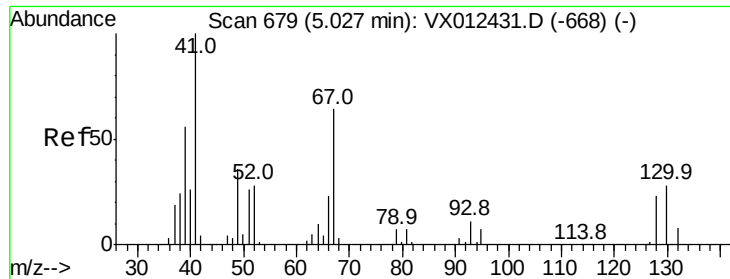
#40
Benzene
Concen: 20.115 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 78 Resp: 129694
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

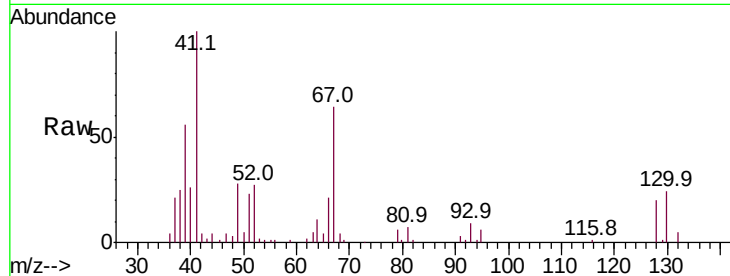




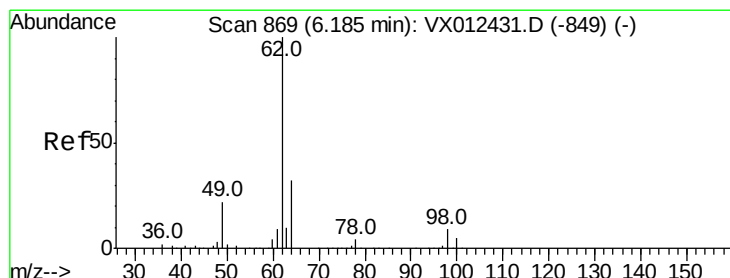
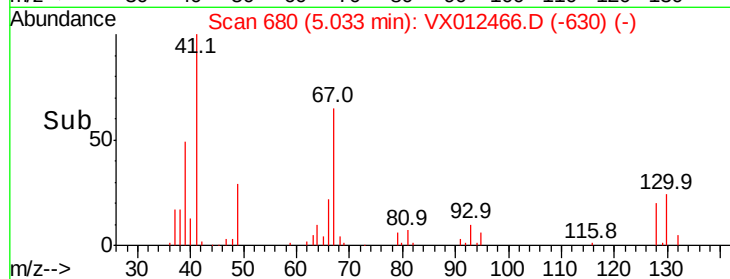
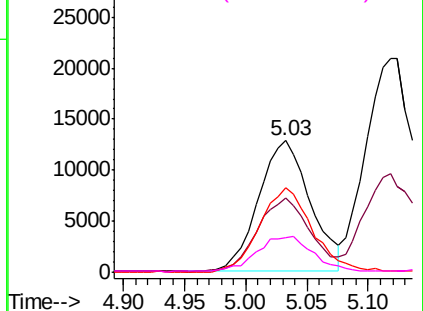
#41
Methacrylonitrile
Concen: 18.800 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion:	41	Resp:	37677
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.0	69.0
67	66.6	52.2	78.2
52	29.5	22.7	34.1

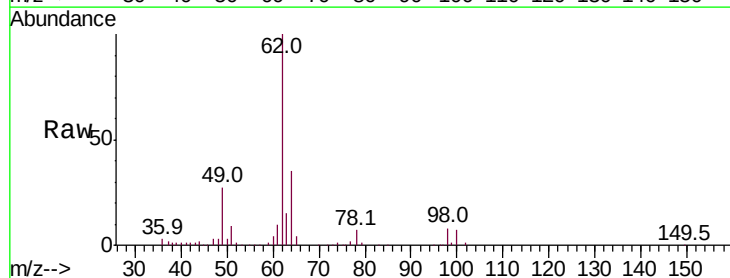


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

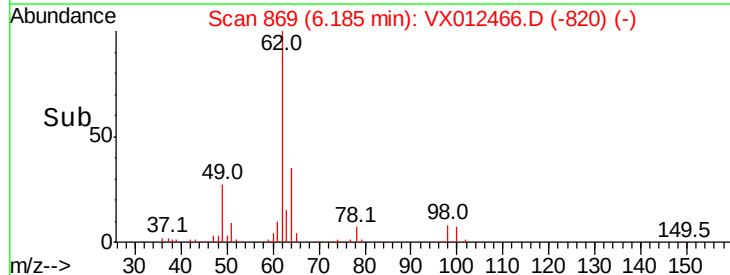
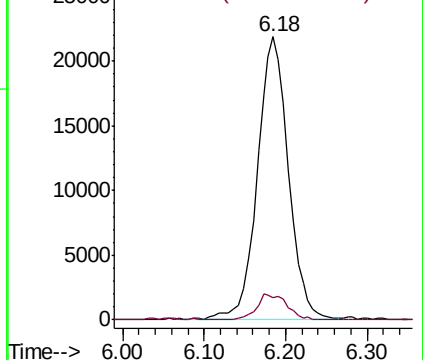


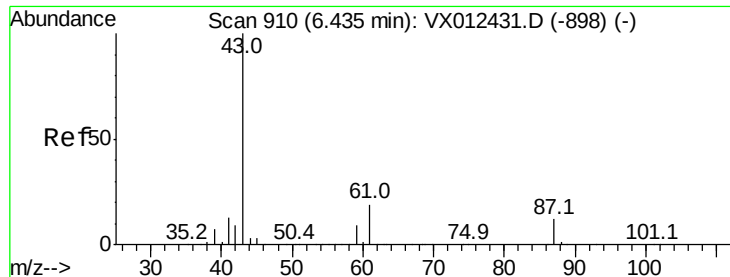
#42
1,2-Dichloroethane
Concen: 19.187 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion:	62	Resp:	57378
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.292 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

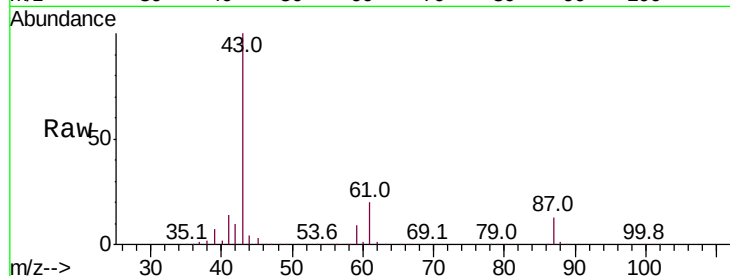
Tot Ion: 43 Resp: 107770

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

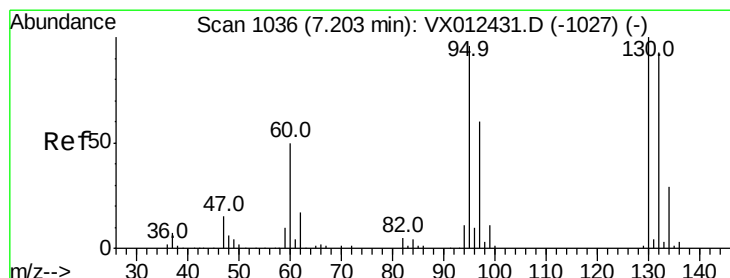
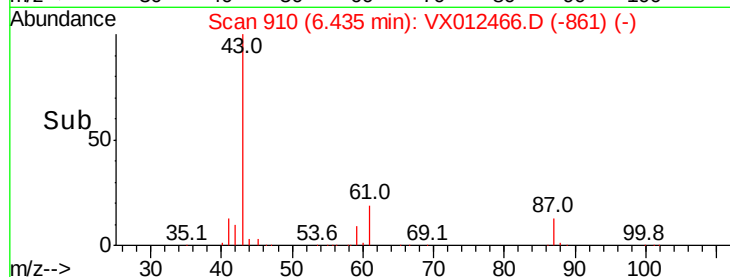
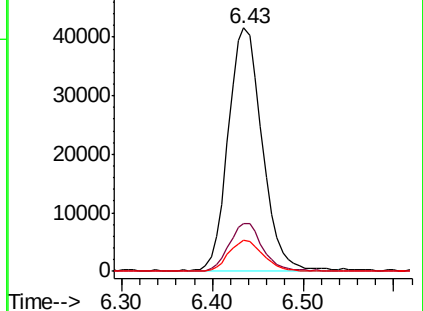
87 13.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.872 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012466.D

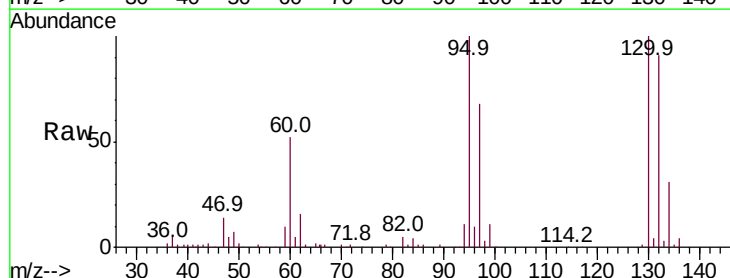
Acq: 18 Sep 2019 12:18

Tgt Ion:130 Resp: 35400

Ion Ratio Lower Upper

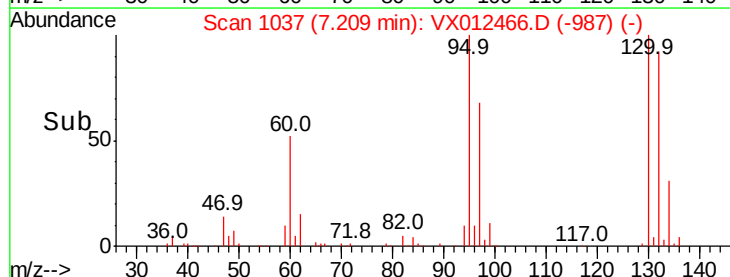
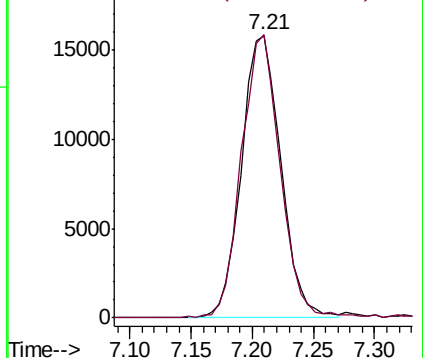
130 100

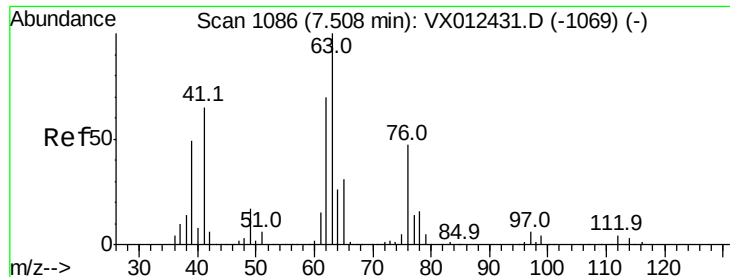
95 99.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

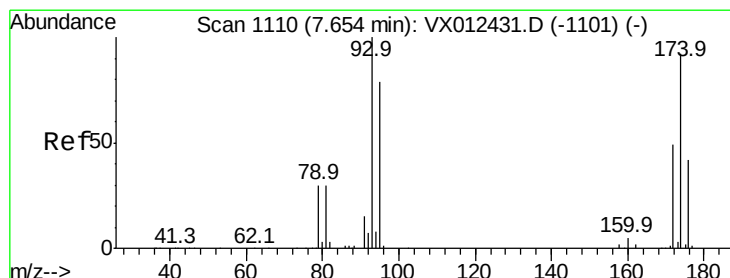
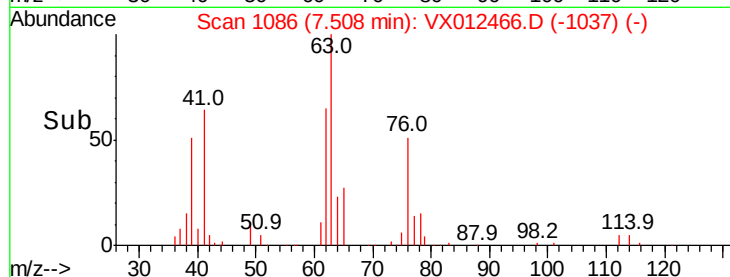
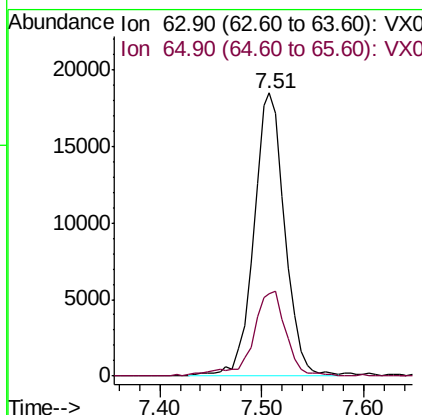
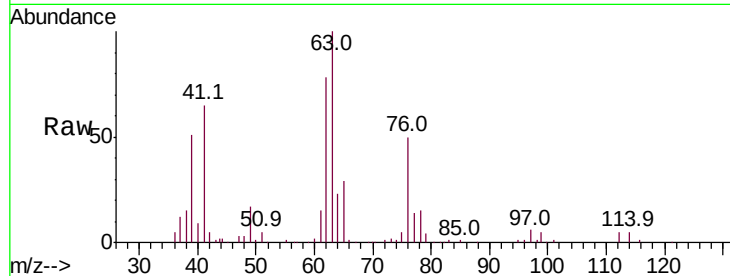




#45
 1,2-Dichloropropane
 Concen: 19.701 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

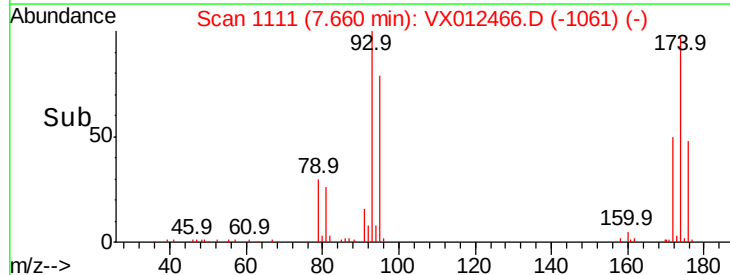
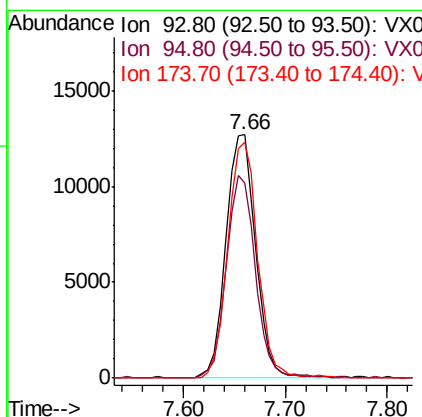
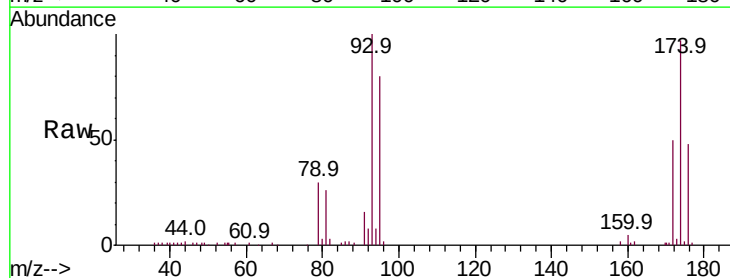
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

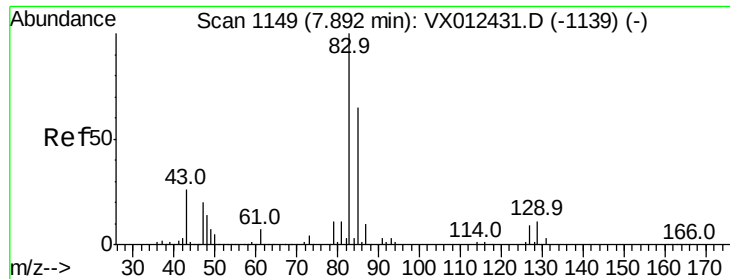
Tot Ion: 63 Resp: 39026
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.000 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion: 93 Resp: 25638
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.6 100.0
 174 96.3 77.4 116.0





#47

Bromodichloromethane

Concen: 19.452 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

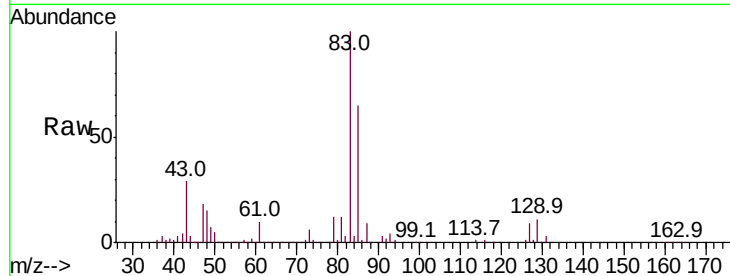
Tot Ion: 83 Resp: 55521

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

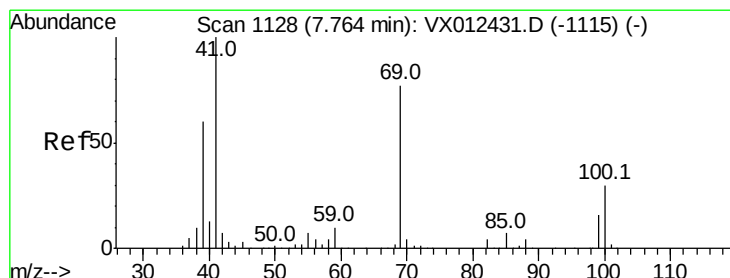
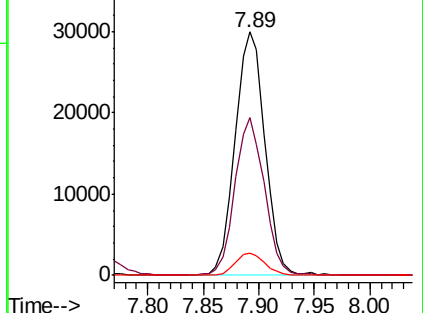
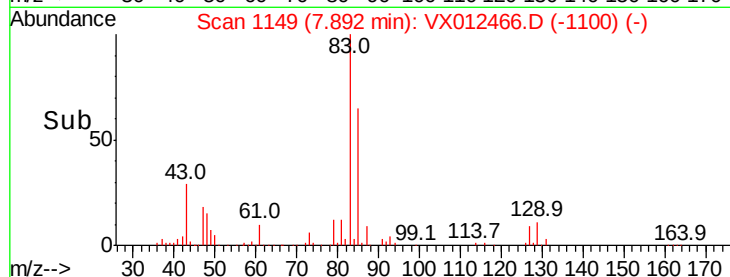
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.782 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

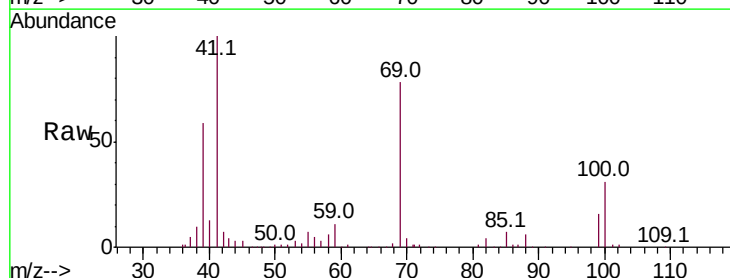
Tgt Ion: 41 Resp: 49458

Ion Ratio Lower Upper

41 100

69 80.5 59.9 89.9

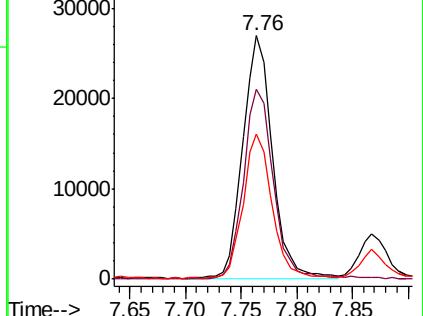
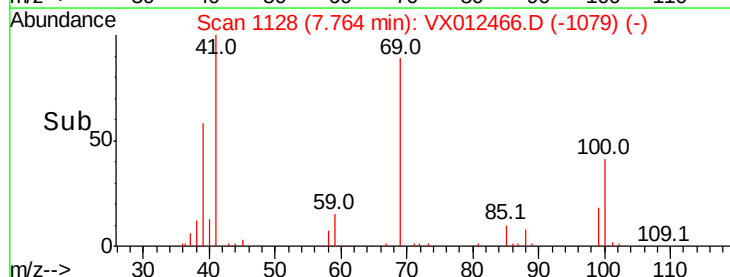
39 57.8 47.8 71.6

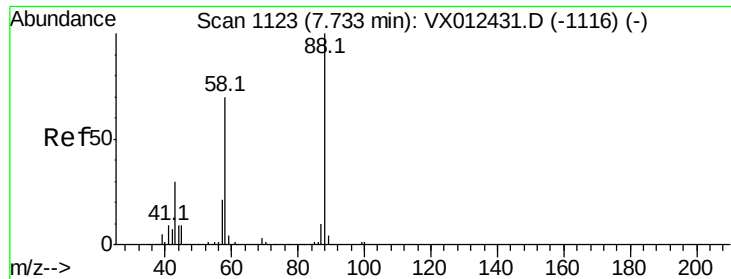


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 380.849 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

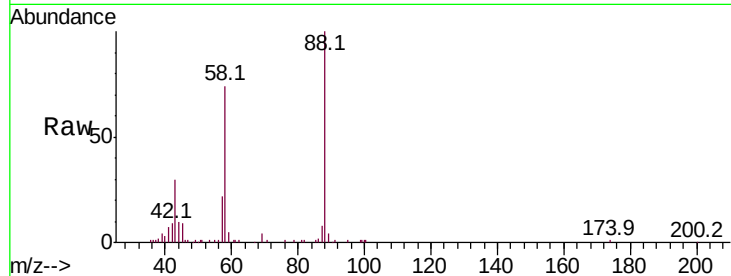
Tot Ion: 88 Resp: 24408

Ion Ratio Lower Upper

88 100

43 34.1 29.4 44.0

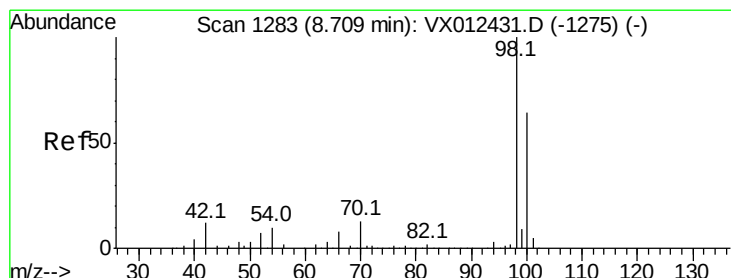
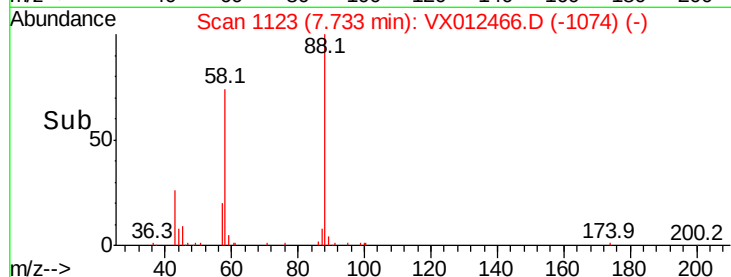
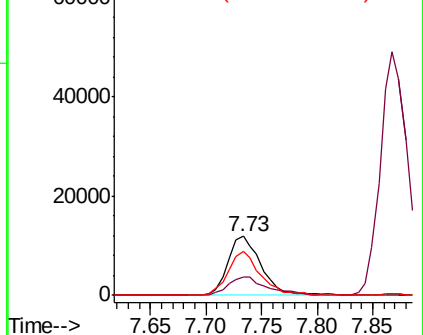
58 73.7 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.293 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012466.D

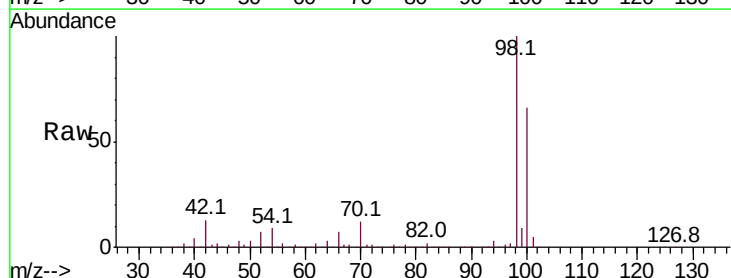
Acq: 18 Sep 2019 12:18

Tgt Ion: 98 Resp: 360952

Ion Ratio Lower Upper

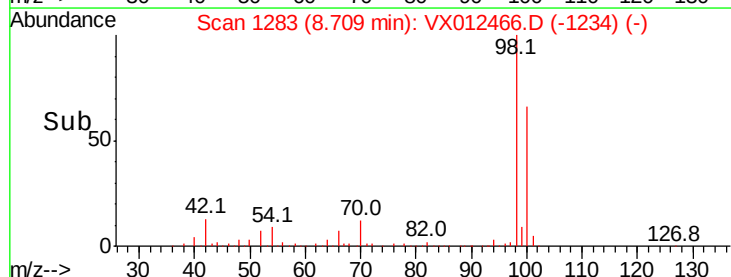
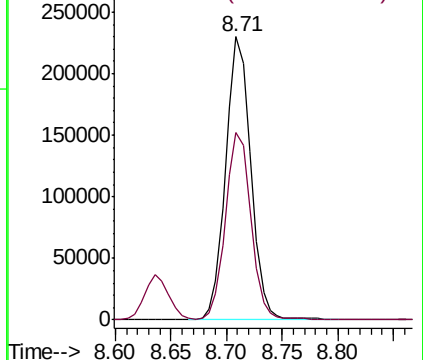
98 100

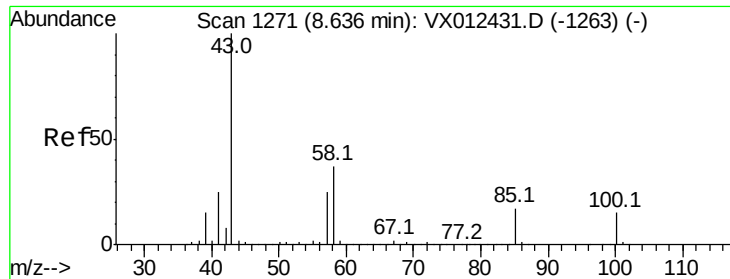
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.183 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

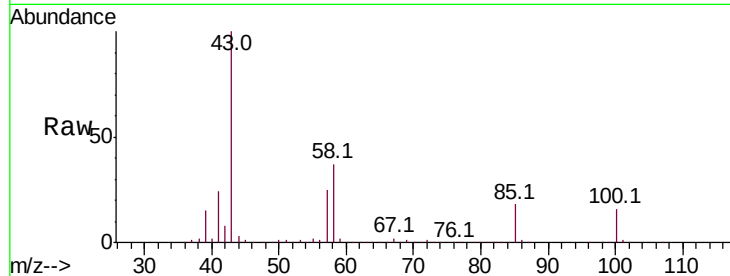
VX0918MBS01

Tot Ion: 43 Resp: 352350

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

150000

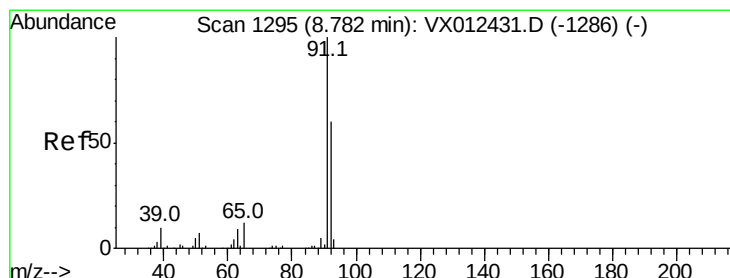
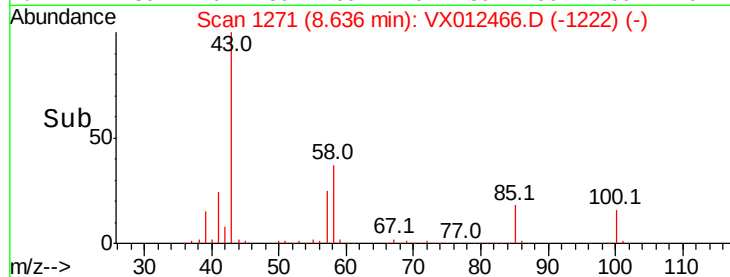
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.938 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012466.D

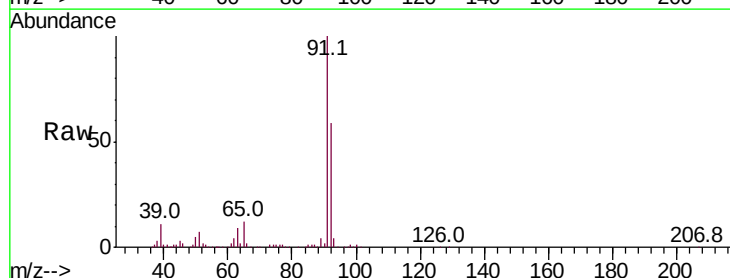
Acq: 18 Sep 2019 12:18

Tgt Ion: 92 Resp: 82835

Ion Ratio Lower Upper

92 100

91 171.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

60000

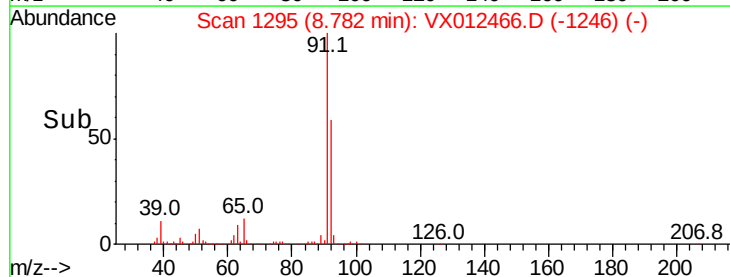
40000

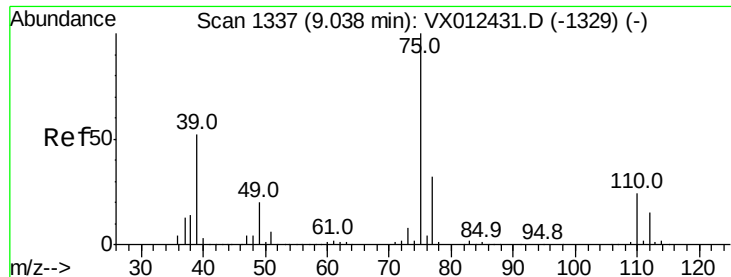
20000

0

8.70 8.75 8.80 8.85

Time-->

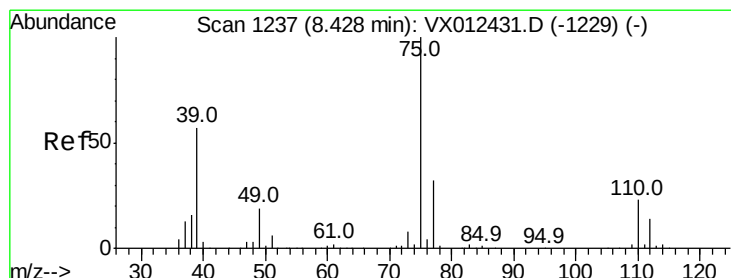
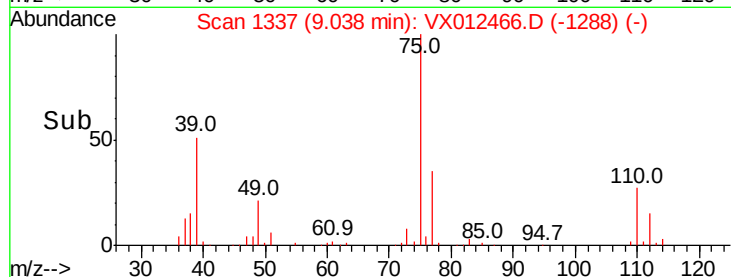
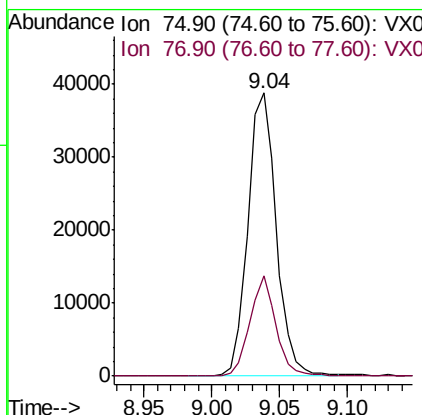
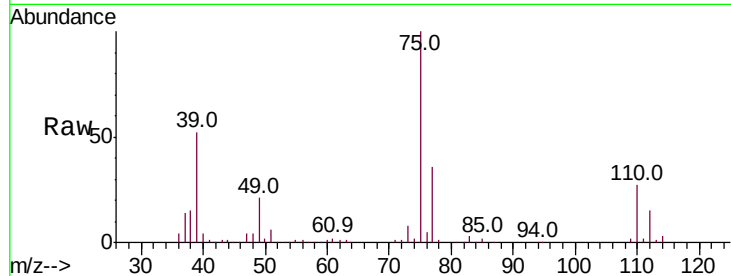




#53
 t-1,3-Dichloropropene
 Concen: 19.148 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

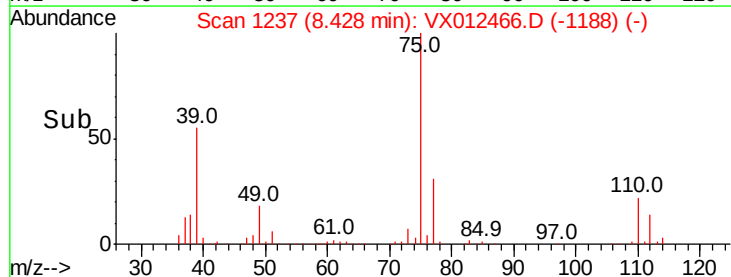
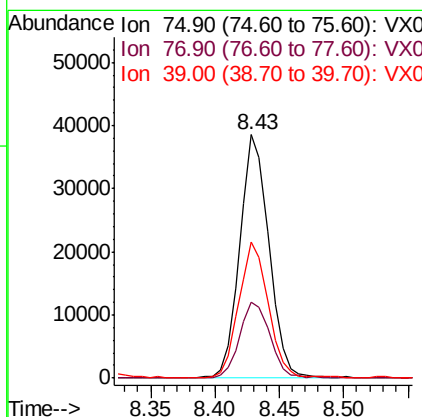
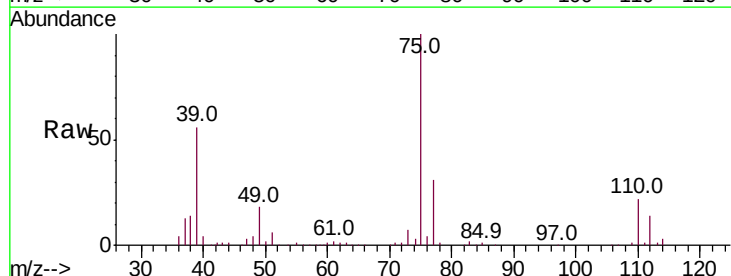
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

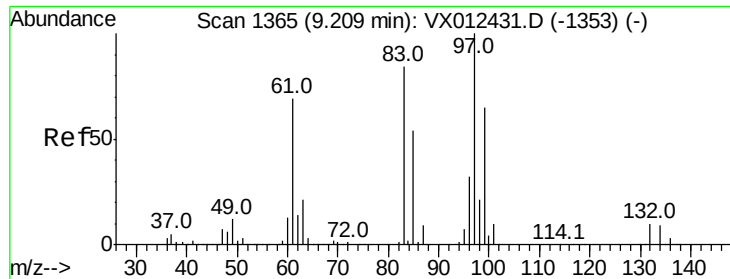
Tot Ion: 75 Resp: 56810
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.650 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion: 75 Resp: 60356
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 55.4 45.5 68.3

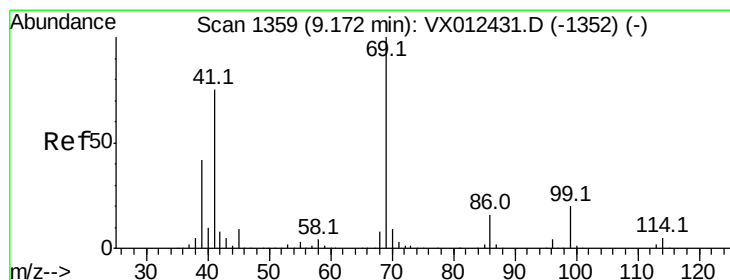
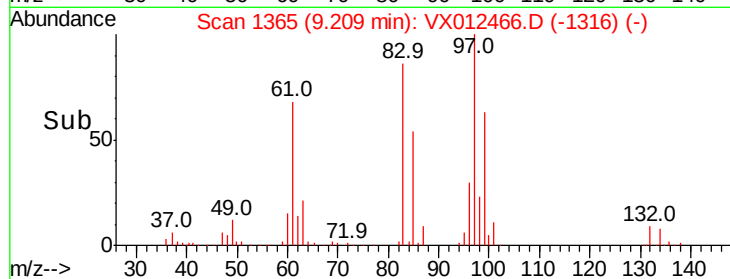
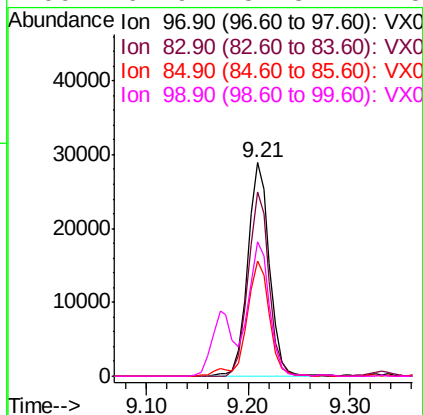
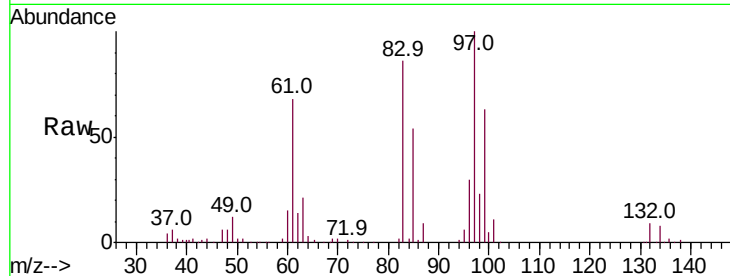




#55
 1,1,2-Trichloroethane
 Concen: 20.116 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

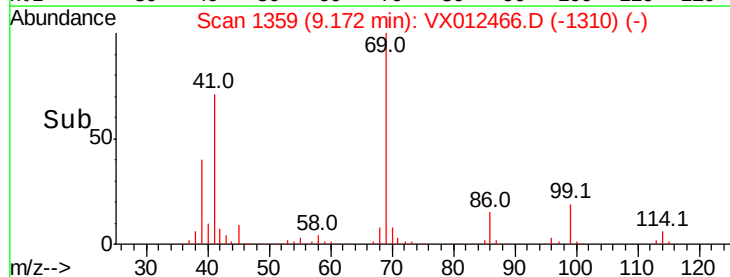
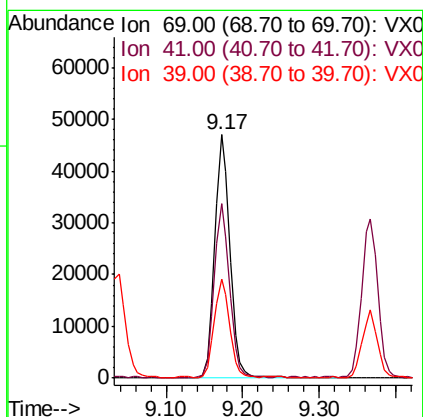
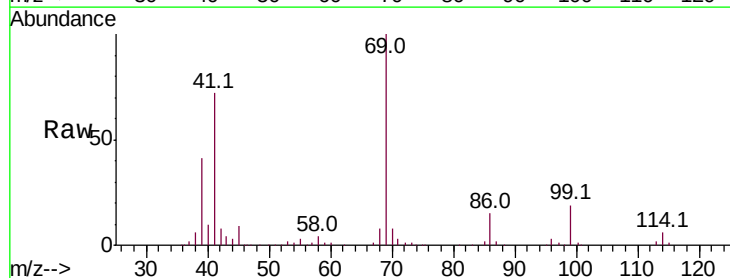
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

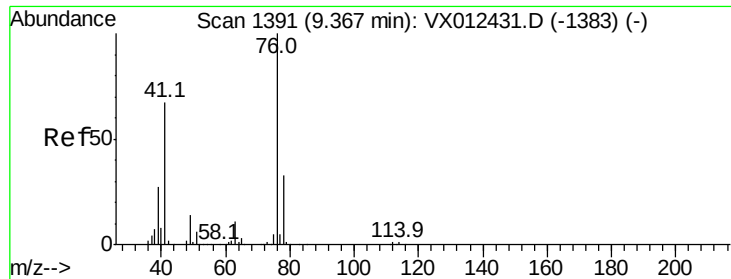
Tot Ion:	97	Resp:	43058
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	54.0	43.5	65.3
99	62.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 19.552 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion:	69	Resp:	65434
Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.4	87.6
39	40.3	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.840 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

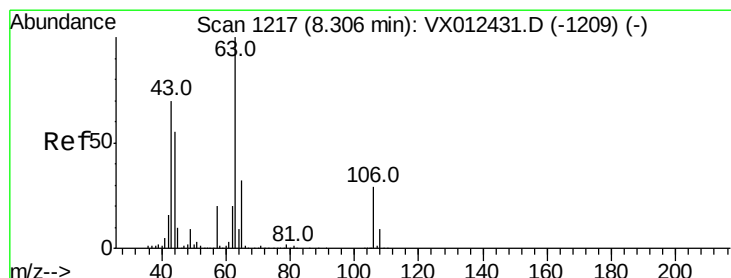
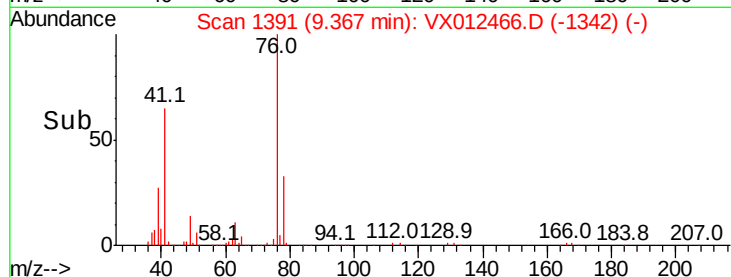
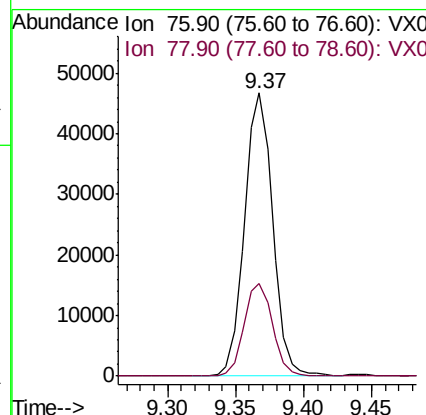
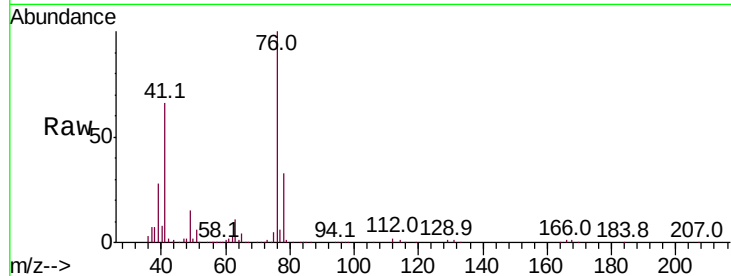
Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0918MBS01

Tot Ion: 76 Resp: 67758

Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.945 ug/l

RT: 8.31 min Scan# 1217

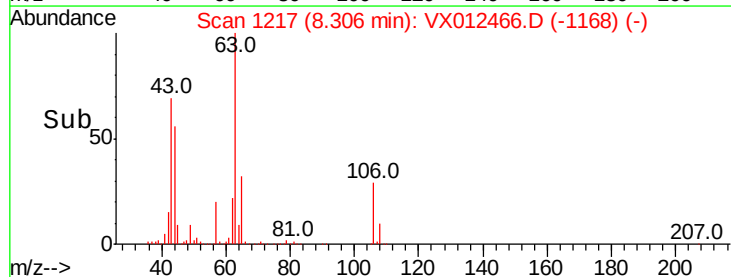
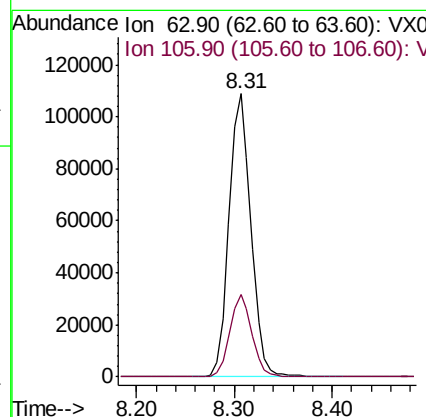
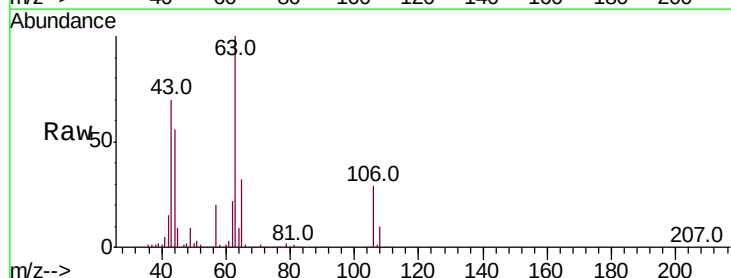
Delta R.T. 0.00 min

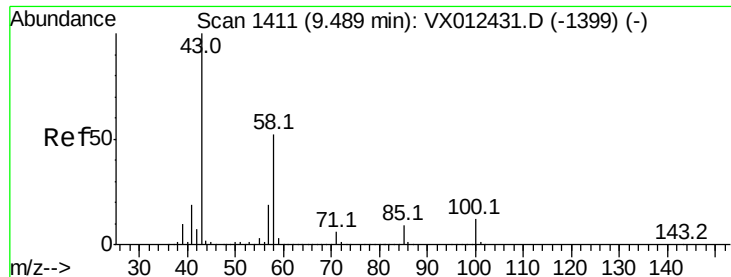
Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Tgt Ion: 63 Resp: 169674

Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.8	35.6

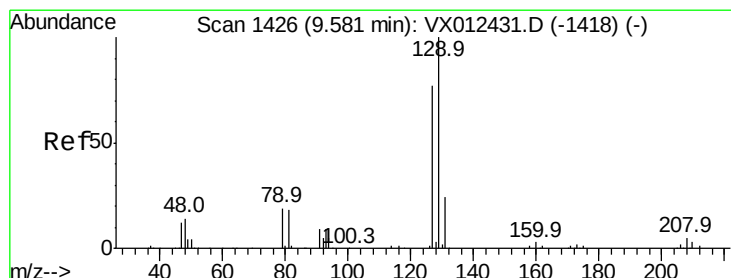
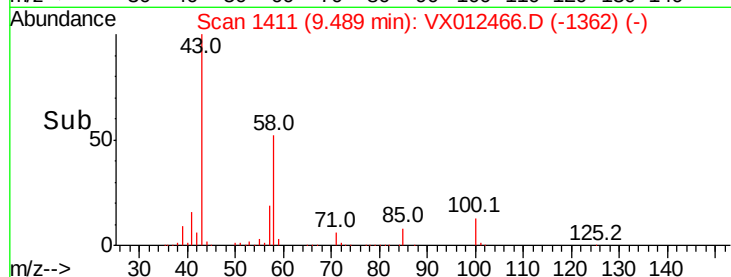
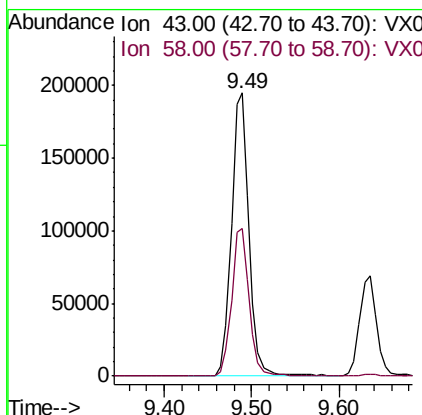
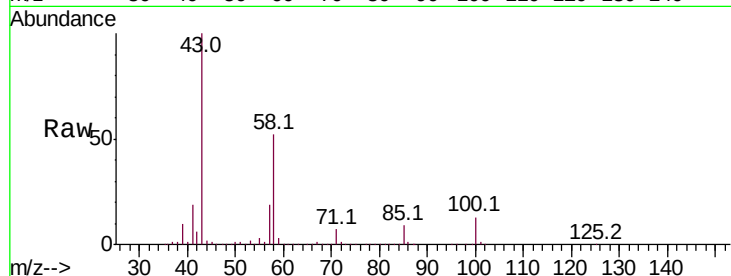




#59
2-Hexanone
Concen: 95.001 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

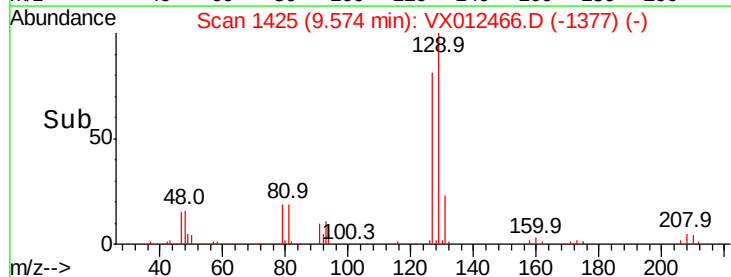
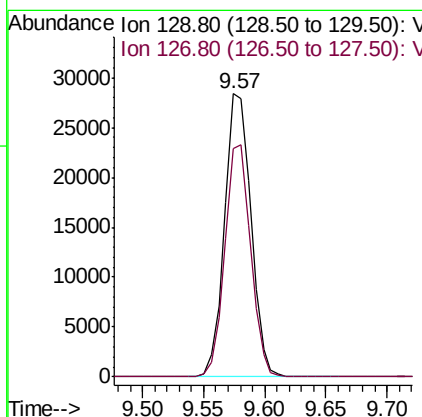
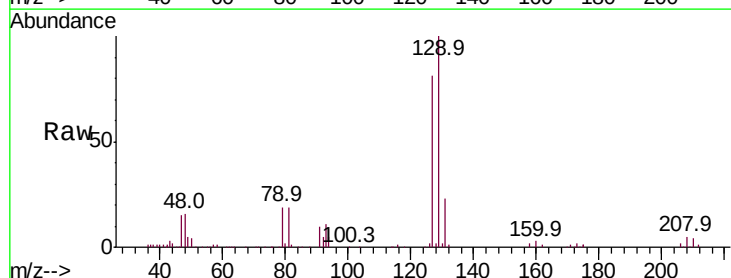
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

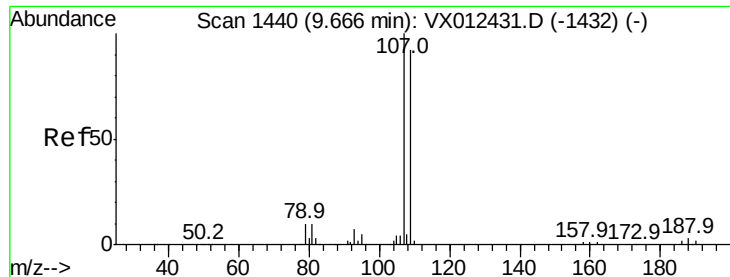
Tot Ion: 43 Resp: 271514
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.1



#60
Dibromochloromethane
Concen: 19.476 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 129 Resp: 42464
Ion Ratio Lower Upper
129 100
127 80.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.274 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

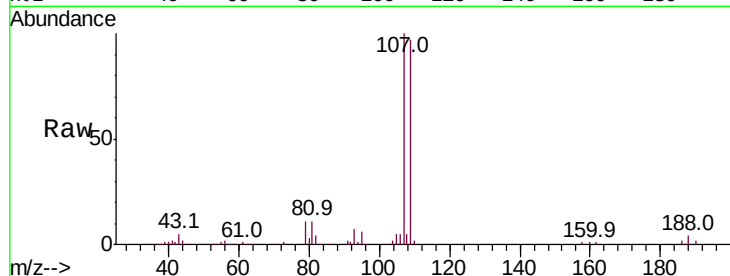
VX0918MBS01

Tot Ion:107 Resp: 39633

Ion Ratio Lower Upper

107 100

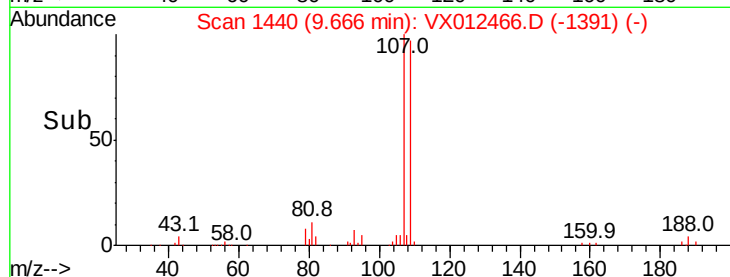
109 94.4 74.7 112.1



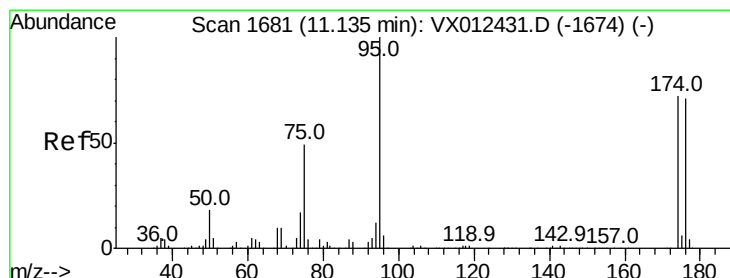
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 46.793 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

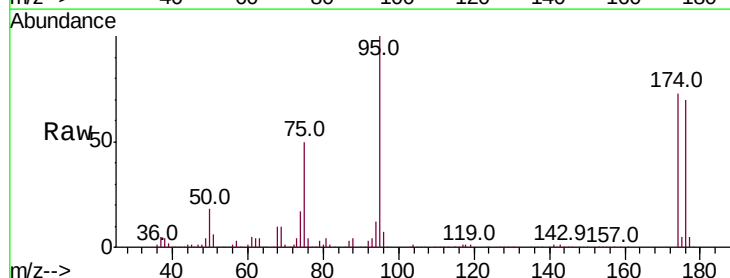
Tgt Ion: 95 Resp: 145215

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.0

176 69.6 0.0 135.4

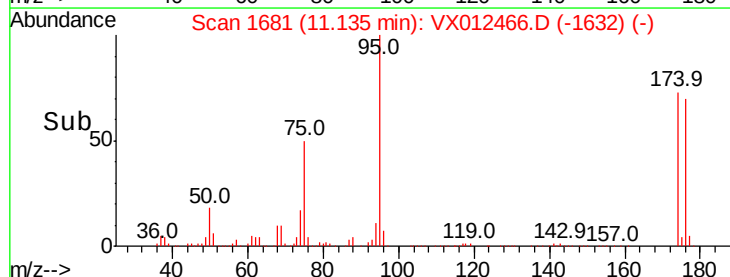


Abundance Ion 94.90 (94.60 to 95.60): VX0

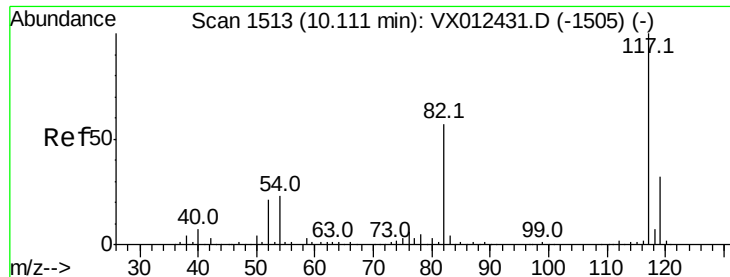
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



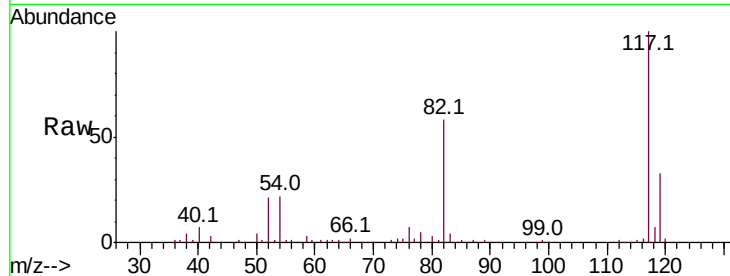
Time-->



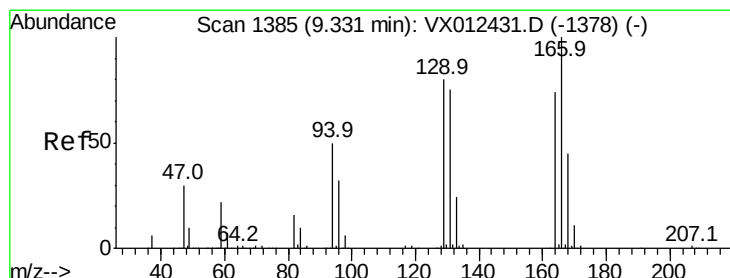
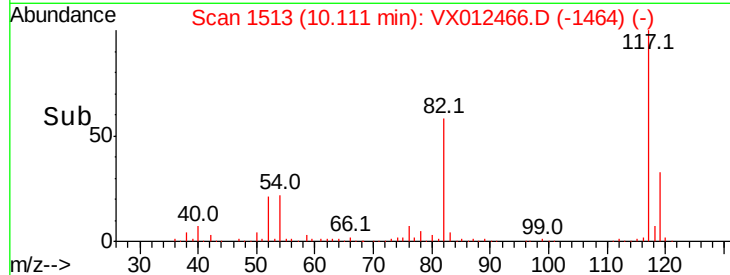
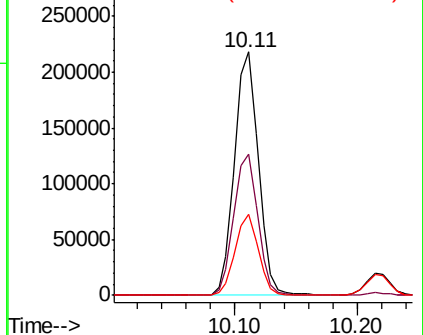
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion:117 Resp: 294421
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 33.3 25.3 37.9

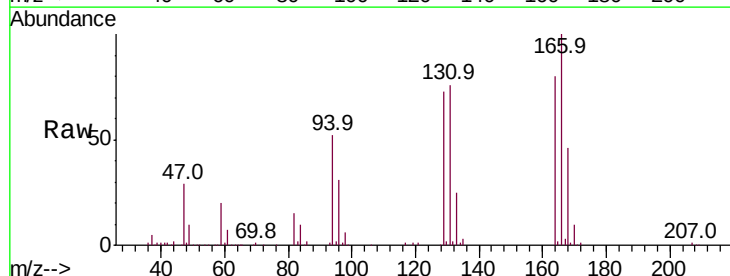


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

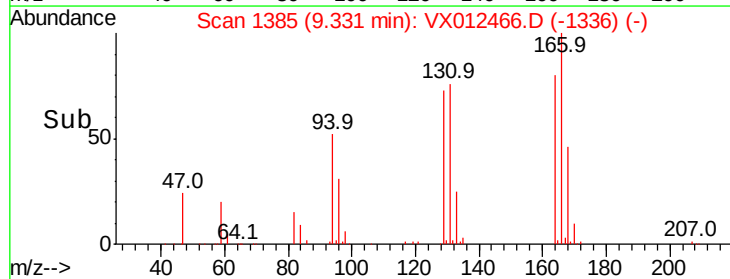
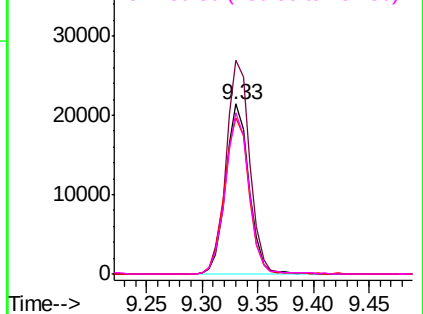


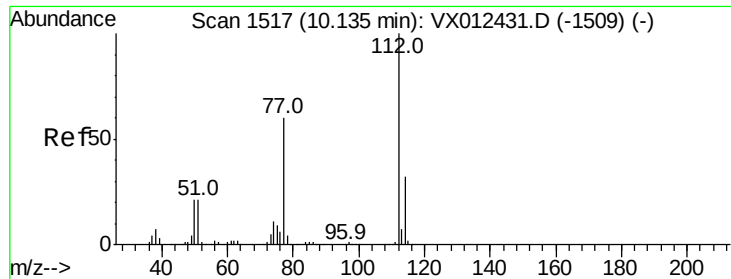
#64
Tetrachloroethene
Concen: 23.000 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion:164 Resp: 31031
Ion Ratio Lower Upper
164 100
166 125.6 107.8 161.6
129 91.7 86.2 129.2
131 95.1 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.403 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

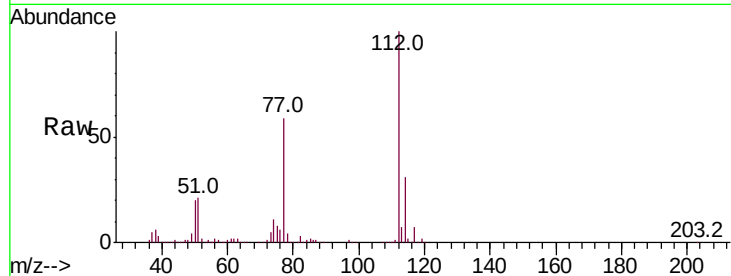
VX0918MBS01

Tot Ion:112 Resp: 99144

Ion Ratio Lower Upper

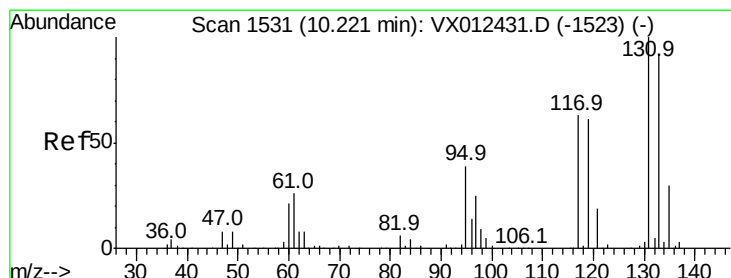
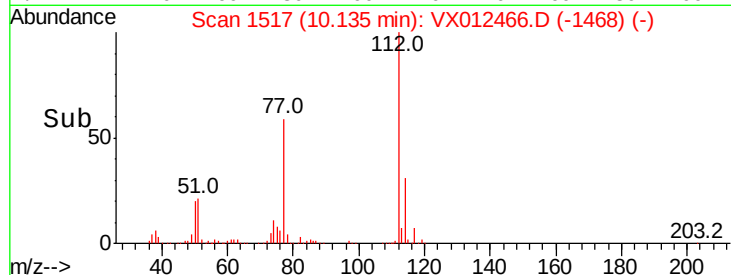
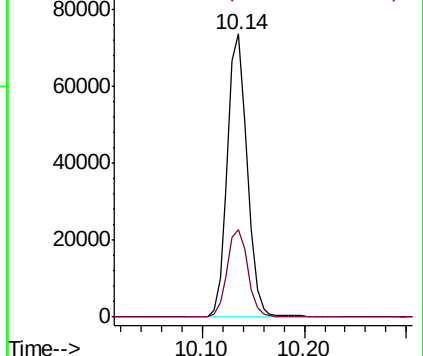
112 100

114 30.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.146 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

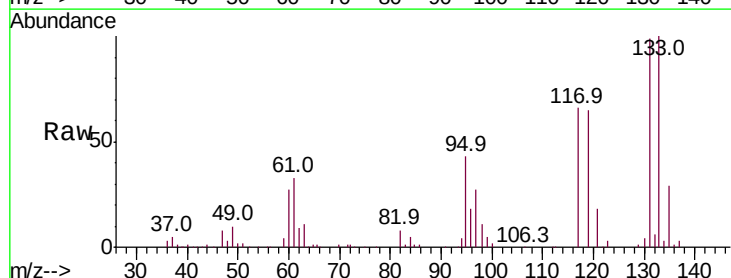
Tgt Ion:131 Resp: 40629

Ion Ratio Lower Upper

131 100

133 97.4 47.6 142.9

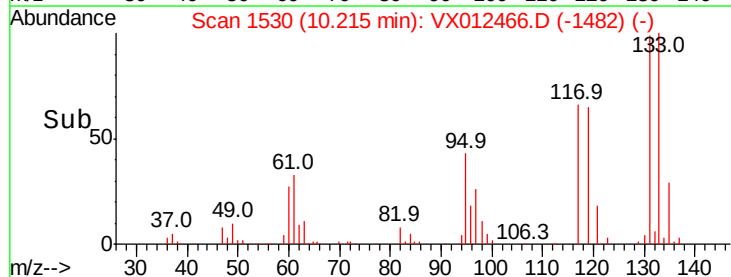
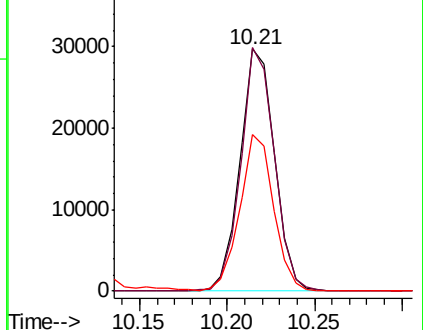
119 63.8 31.3 93.8

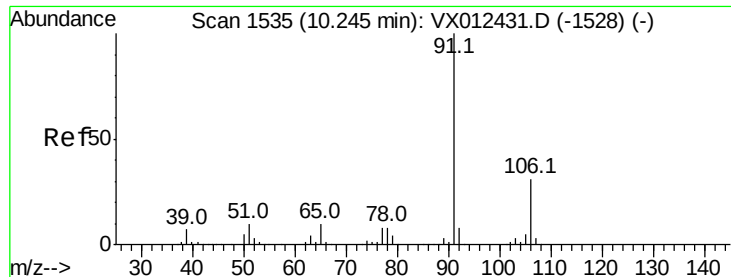


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

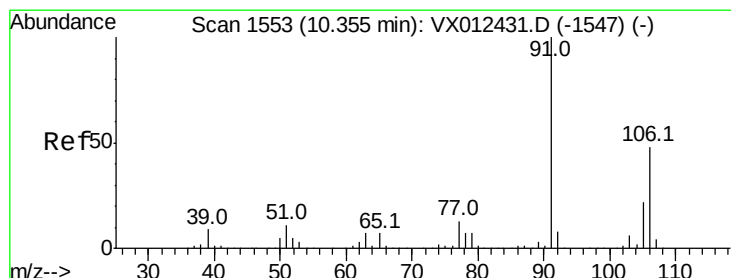
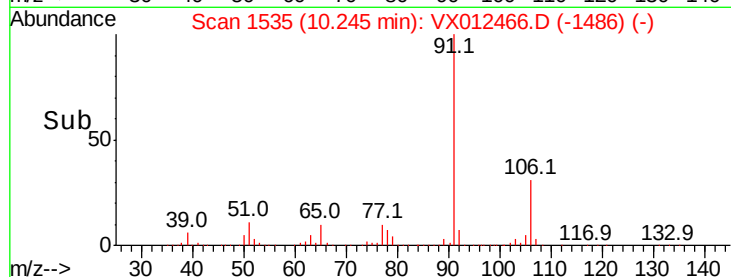
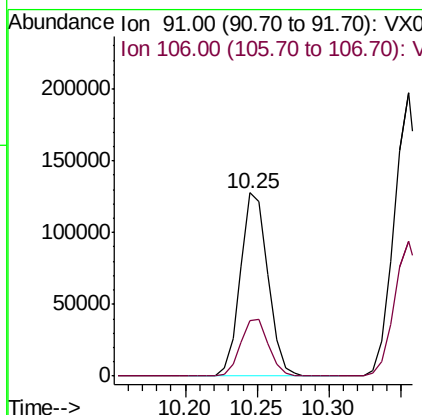
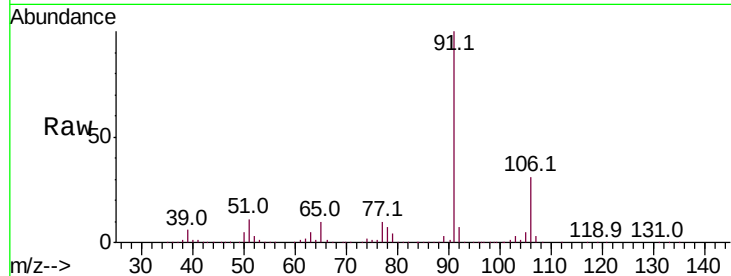




#67
Ethyl Benzene
Concen: 20.412 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

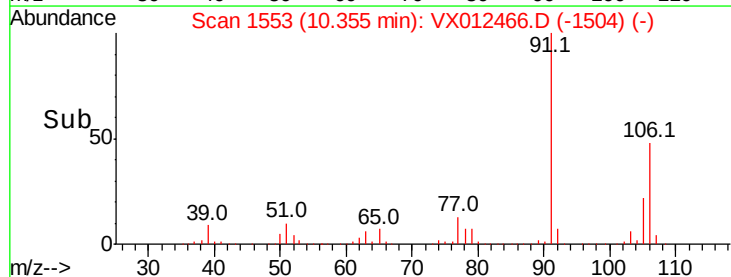
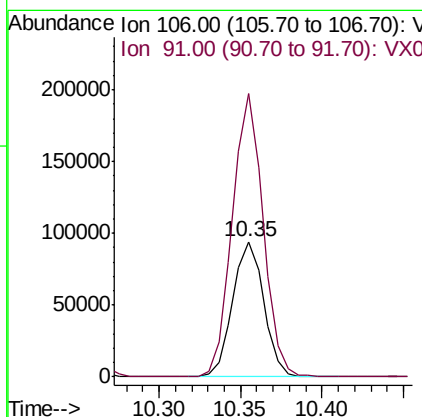
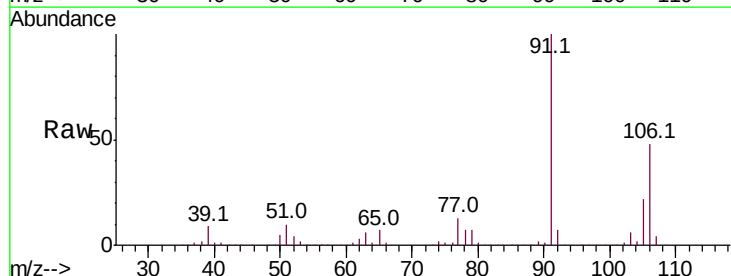
Instrument :
MSVOA_X
ClientSampled :
VX0918MBS01

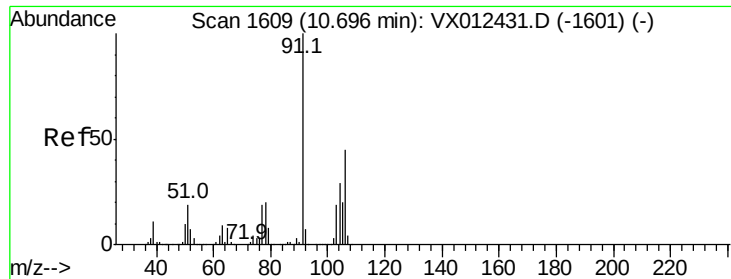
Tot Ion: 91 Resp: 170417
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 41.368 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 106 Resp: 125662
Ion Ratio Lower Upper
106 100
91 206.4 166.6 250.0

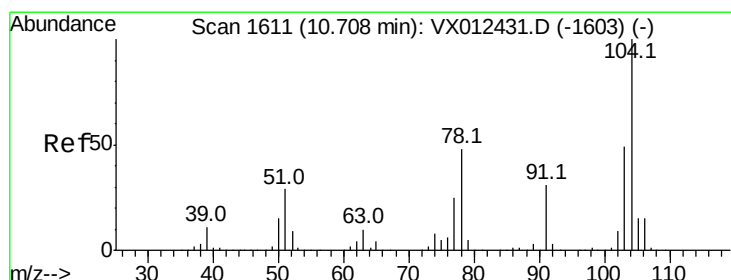
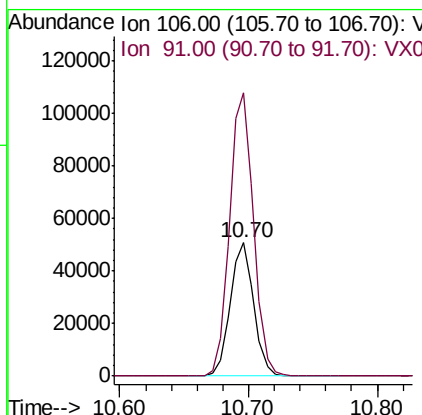
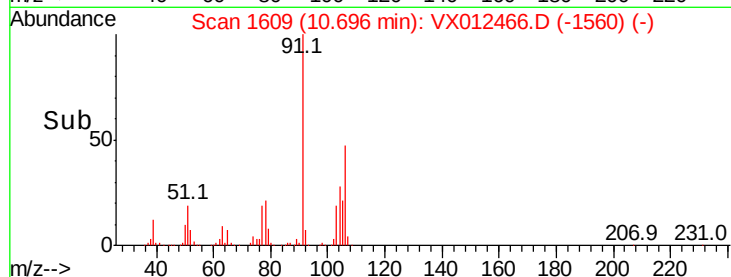
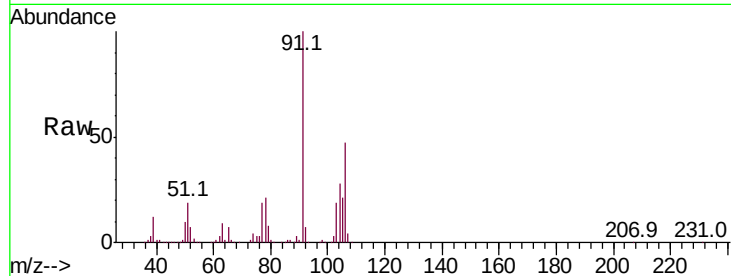




#69
o-Xylene
Concen: 20.705 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

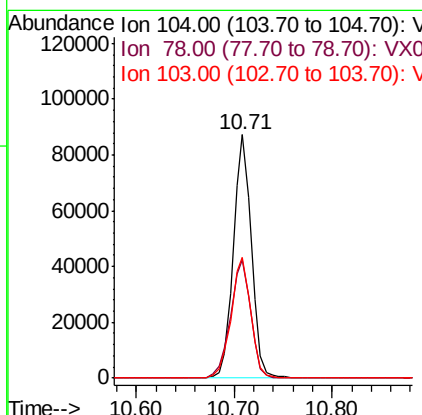
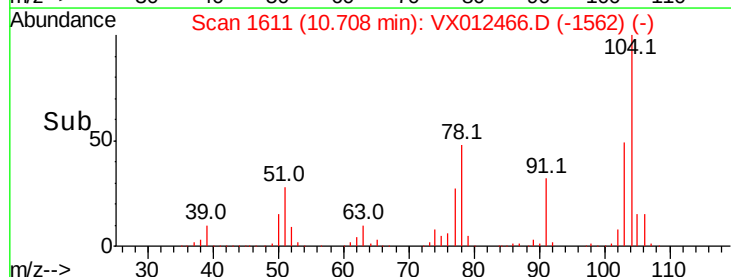
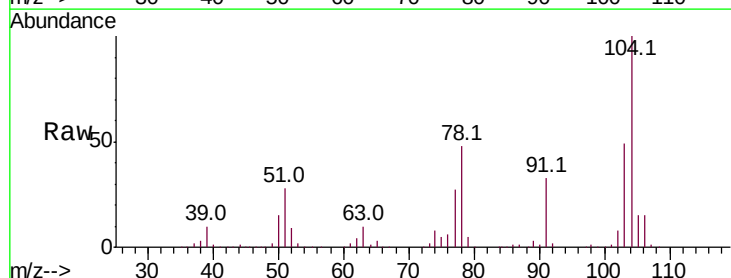
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

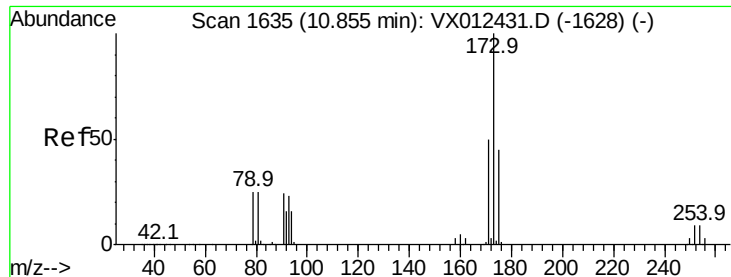
Tot Ion:106 Resp: 64681
Ion Ratio Lower Upper
106 100
91 217.1 109.4 328.2



#70
Styrene
Concen: 20.155 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion:104 Resp: 111405
Ion Ratio Lower Upper
104 100
78 54.7 43.4 65.2
103 54.3 43.3 64.9





#71

Bromoform

Concen: 18.747 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

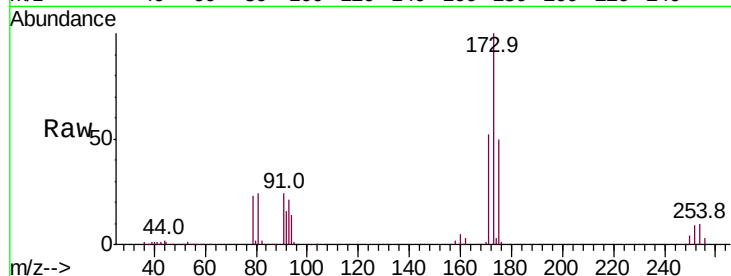
Tot Ion:173 Resp: 29249

Ion Ratio Lower Upper

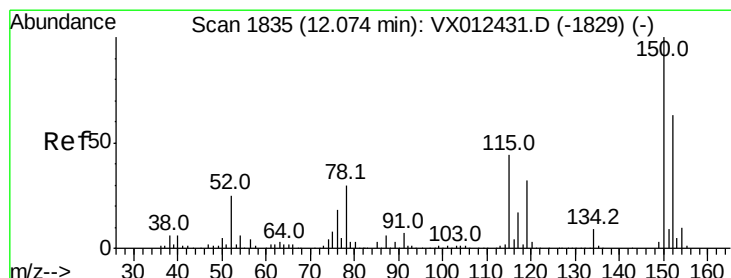
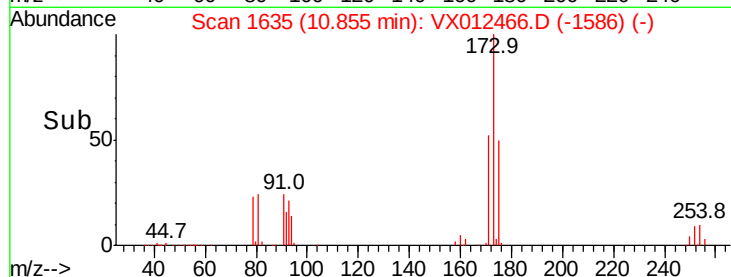
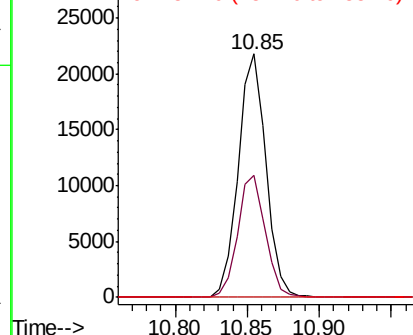
173 100

175 49.8 23.7 71.1

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

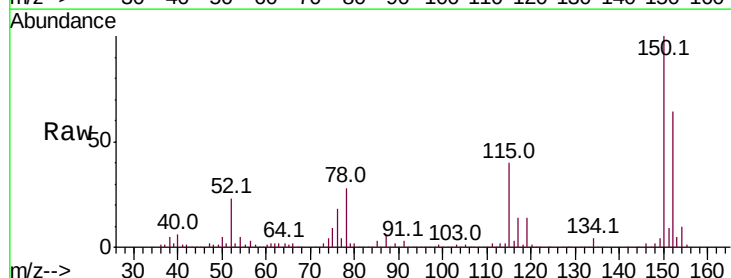
Tgt Ion:152 Resp: 141132

Ion Ratio Lower Upper

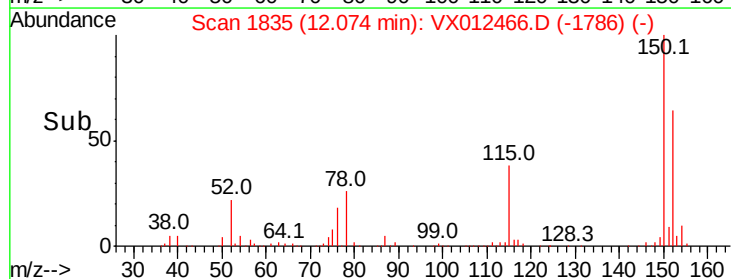
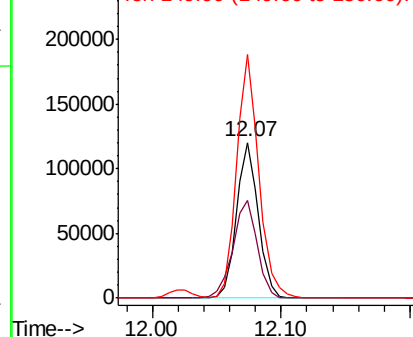
152 100

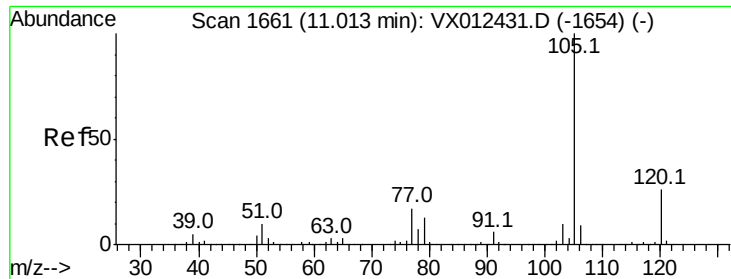
115 70.9 44.1 132.3

150 160.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

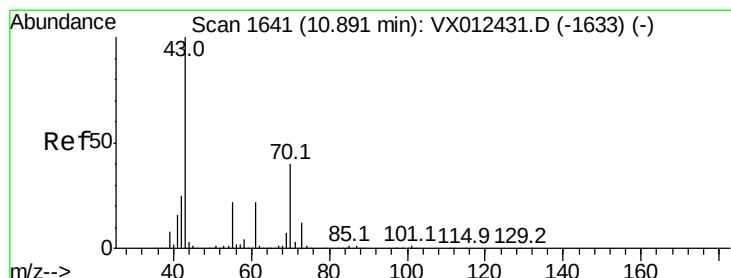
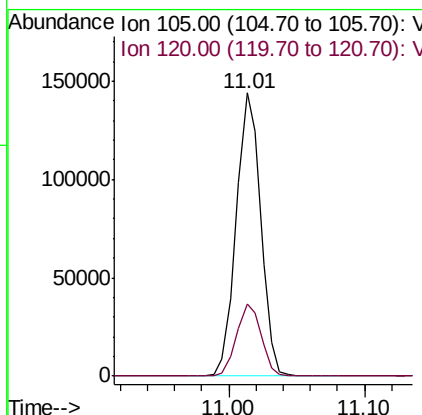
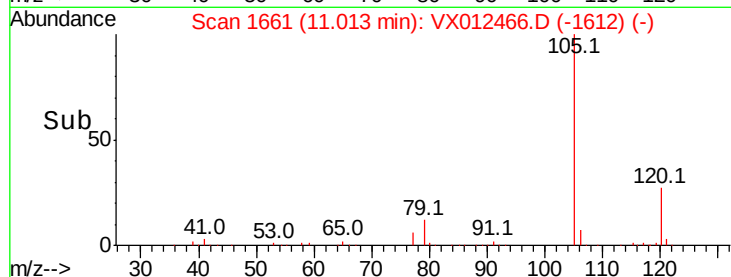
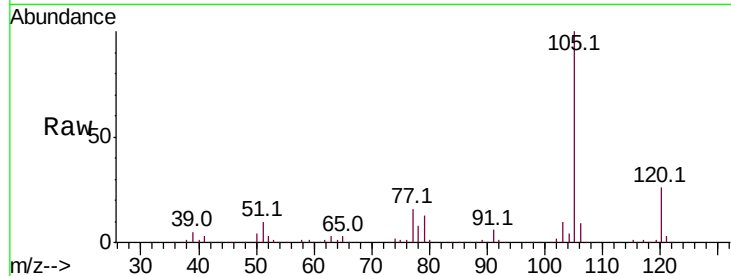




#73
Isopropylbenzene
Concen: 20.415 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

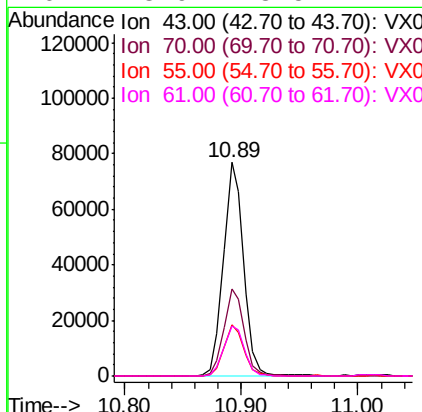
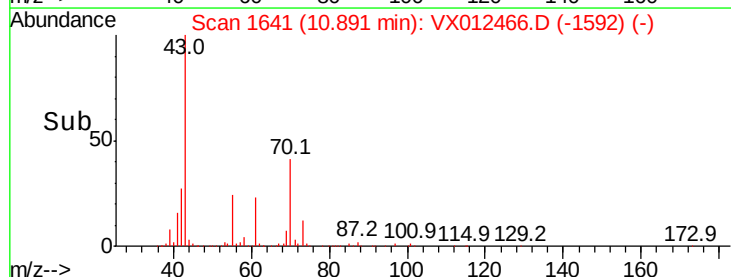
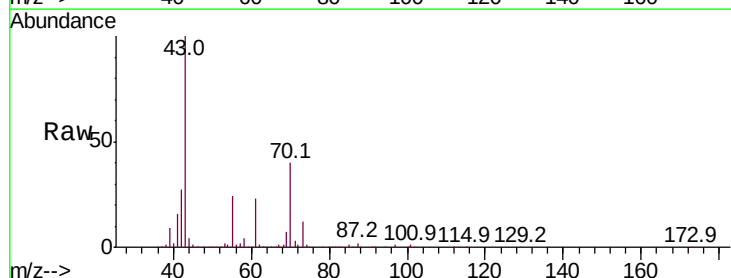
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

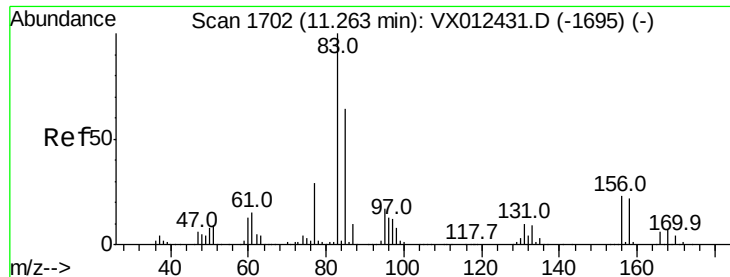
Tot Ion:105 Resp: 180777
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7



#74
N-ethyl acetate
Concen: 19.323 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 43 Resp: 92121
Ion Ratio Lower Upper
43 100
70 40.6 32.4 48.6
55 23.5 18.2 27.4
61 23.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.787 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

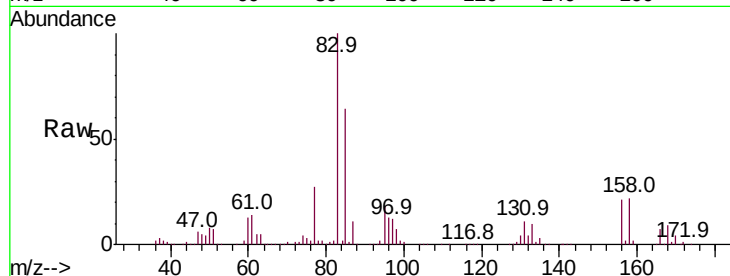
Tot Ion: 83 Resp: 68734

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

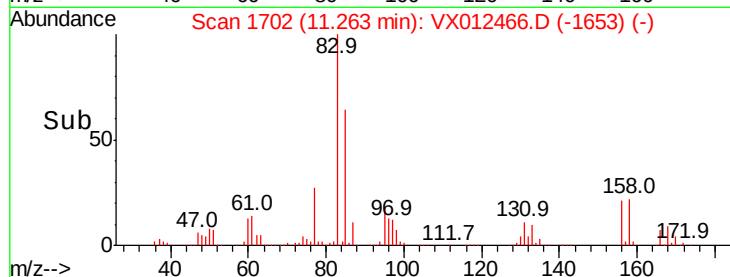
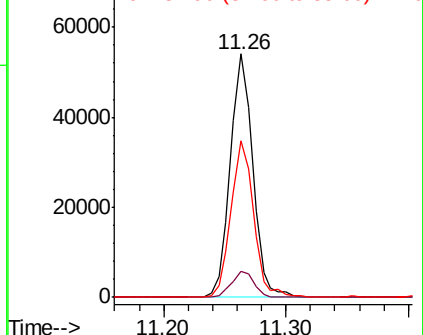
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.753 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012466.D

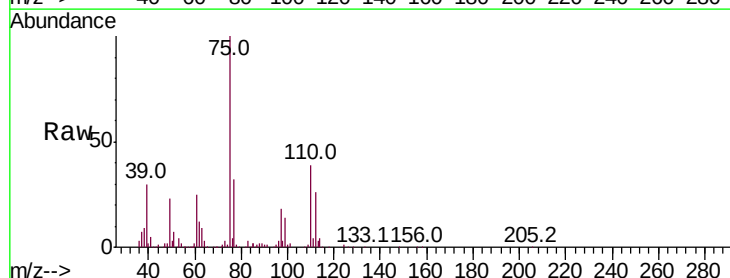
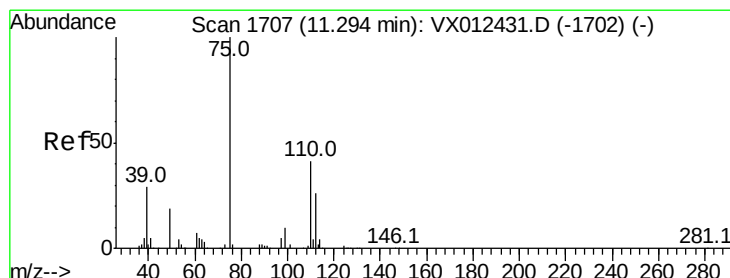
Acq: 18 Sep 2019 12:18

Tgt Ion: 75 Resp: 80246

Ion Ratio Lower Upper

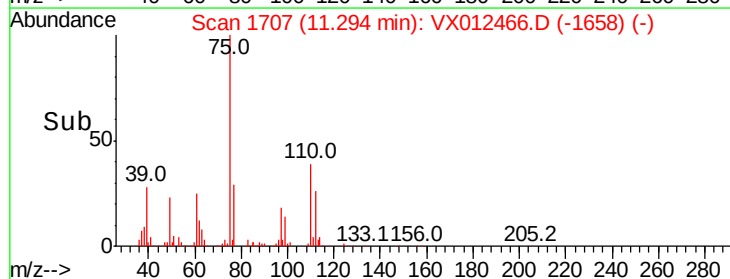
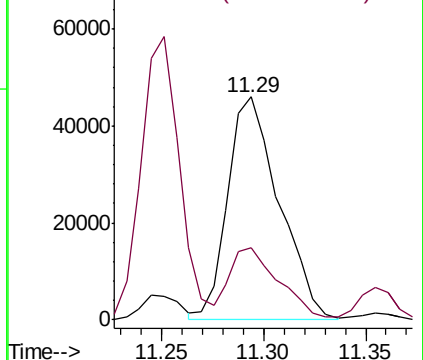
75 100

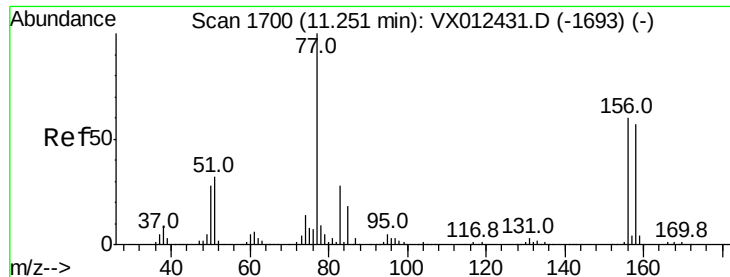
77 31.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.763 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

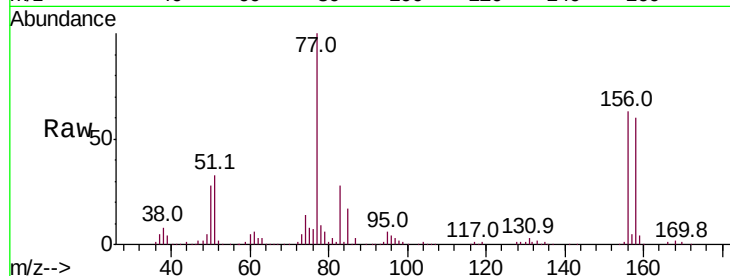
Tot Ion:156 Resp: 44841

Ion Ratio Lower Upper

156 100

77 170.2 87.3 261.8

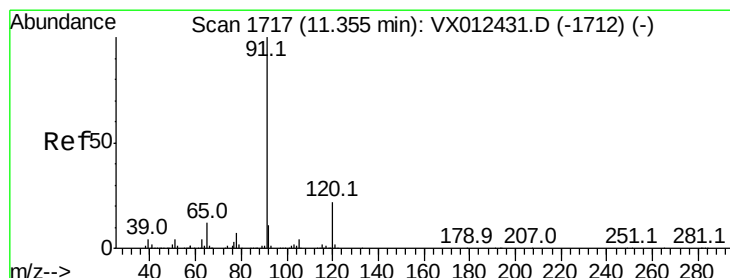
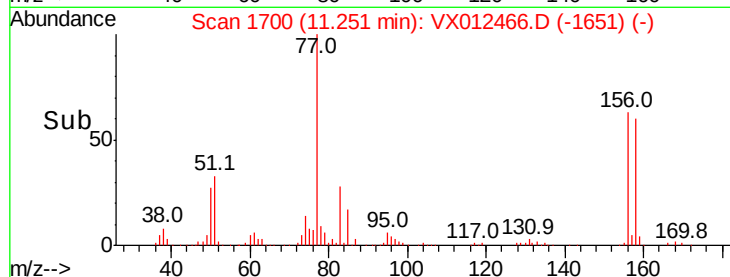
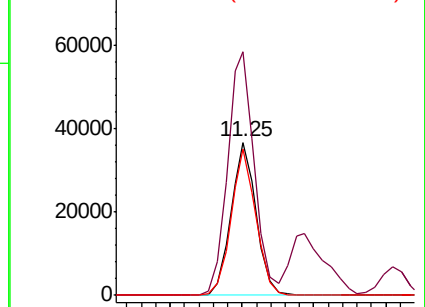
158 94.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.167 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012466.D

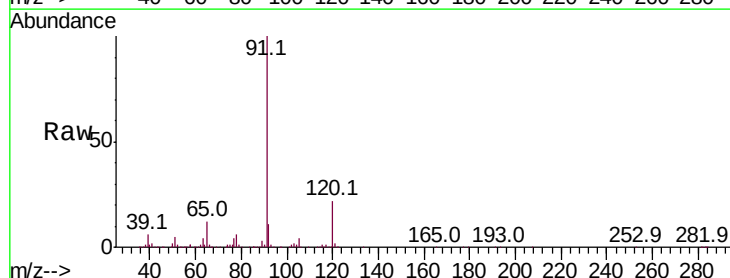
Acq: 18 Sep 2019 12:18

Tgt Ion: 91 Resp: 199034

Ion Ratio Lower Upper

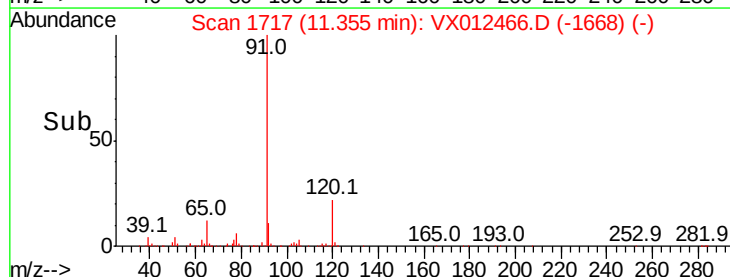
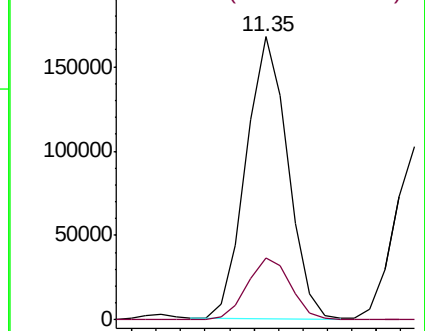
91 100

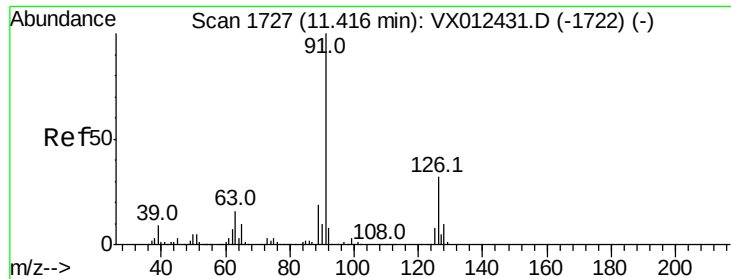
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.941 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

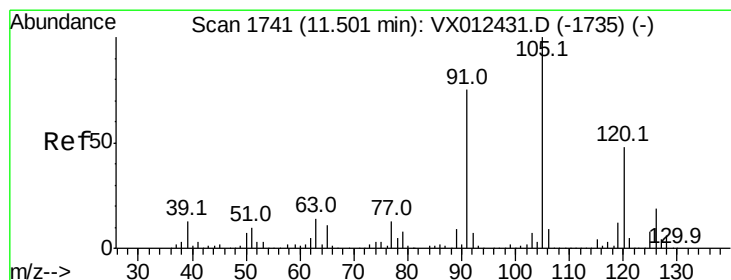
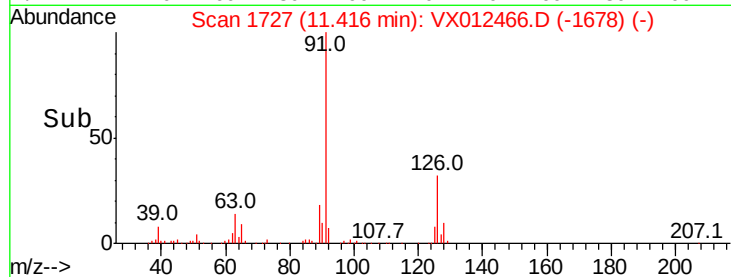
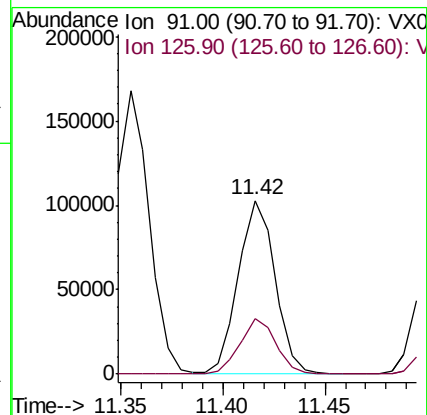
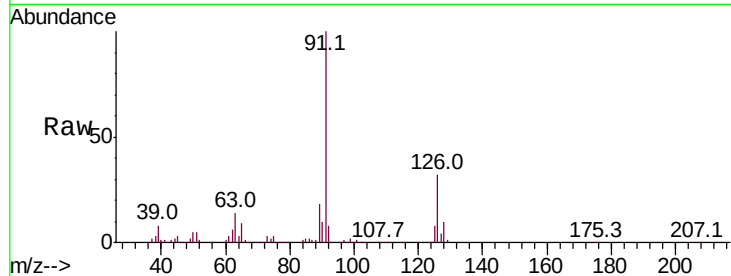
VX0918MBS01

Tot Ion: 91 Resp: 128033

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.268 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012466.D

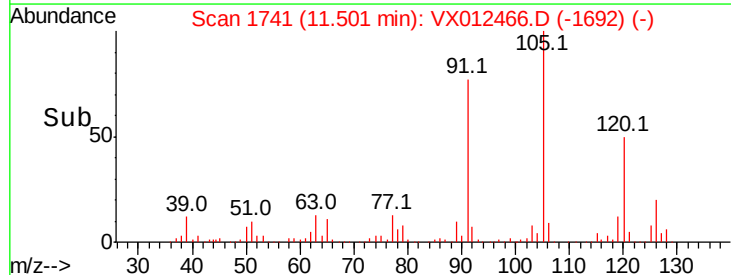
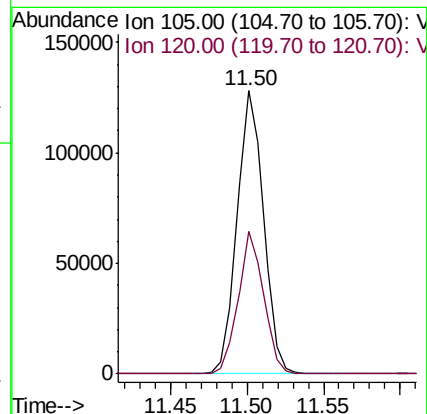
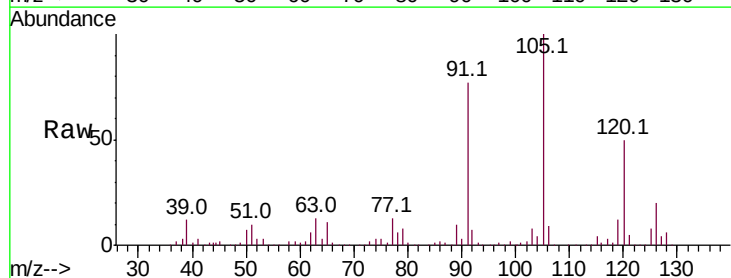
Acq: 18 Sep 2019 12:18

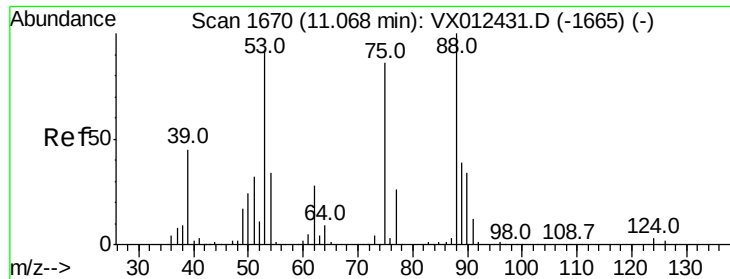
Tgt Ion:105 Resp: 153067

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

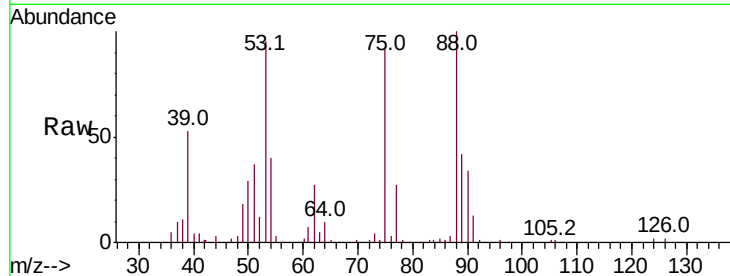




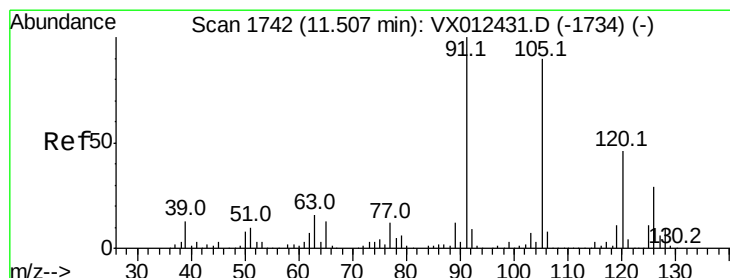
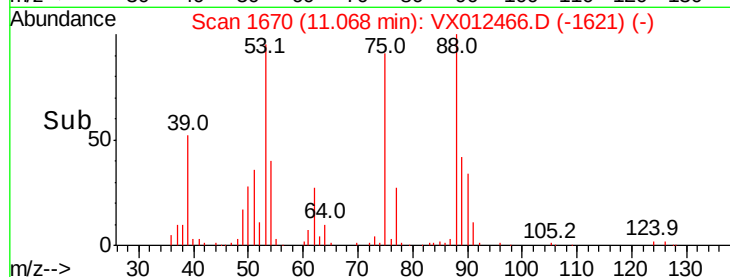
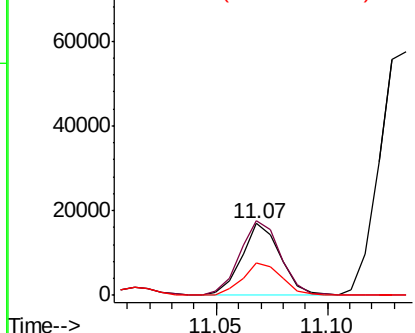
#81
trans-1,4-Dichloro-2-butene
Concen: 19.418 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion: 75 Resp: 20547
Ion Ratio Lower Upper
75 100
53 108.1 83.6 125.4
89 46.6 36.3 54.5

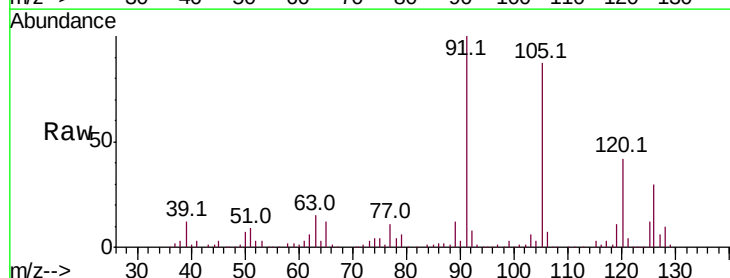


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

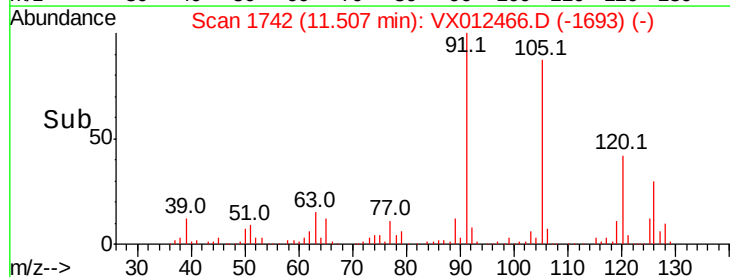
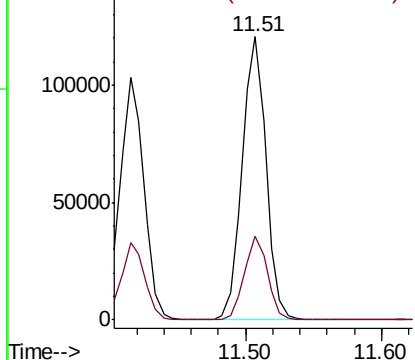


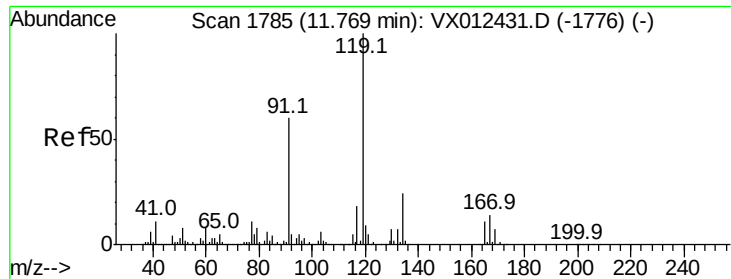
#82
4-Chlorotoluene
Concen: 19.915 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 91 Resp: 146752
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

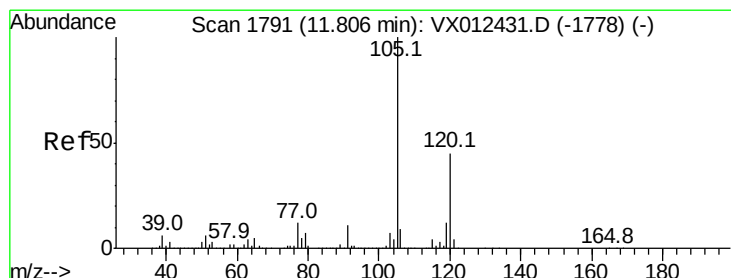
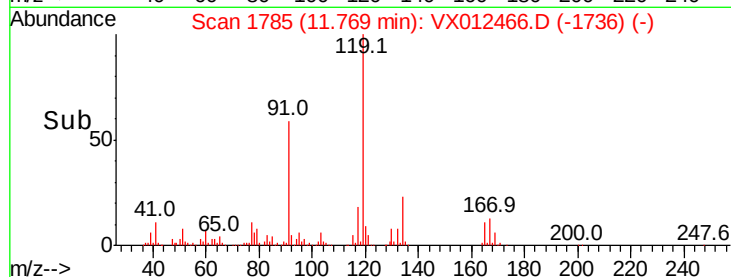
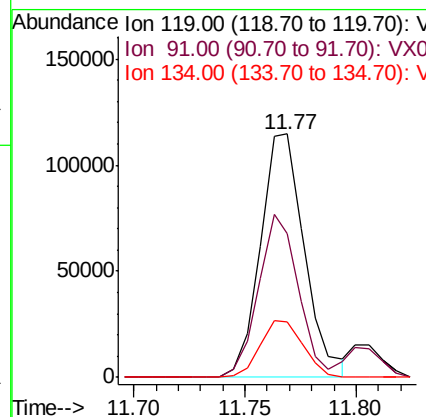
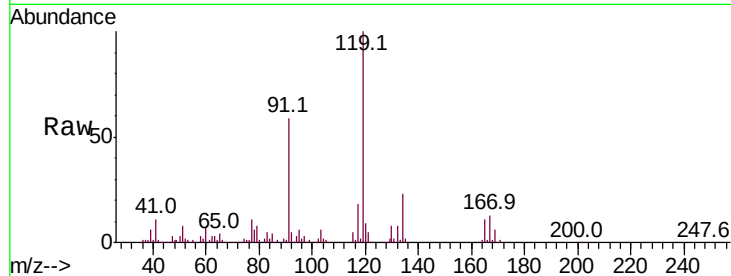




#83
 tert-Butylbenzene
 Concen: 19.550 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

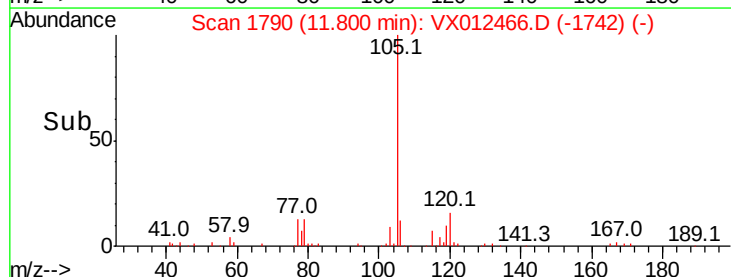
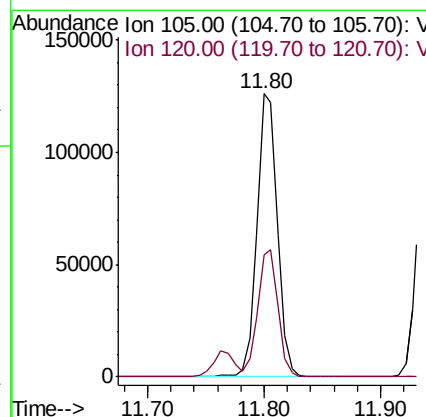
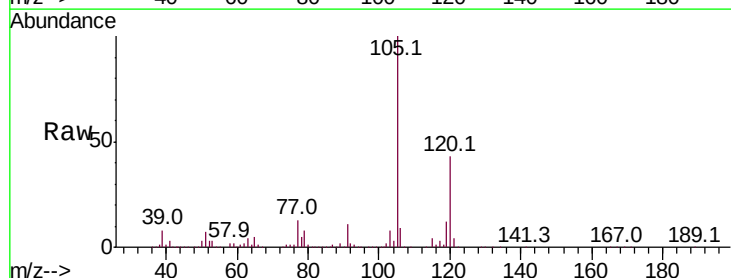
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

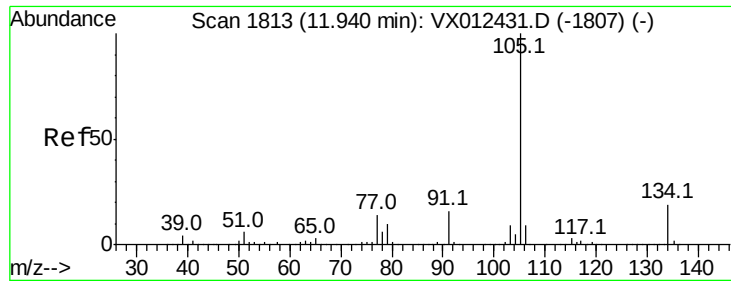
Tot Ion:119 Resp: 158210
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.0
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.875 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion:105 Resp: 154114
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.815 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

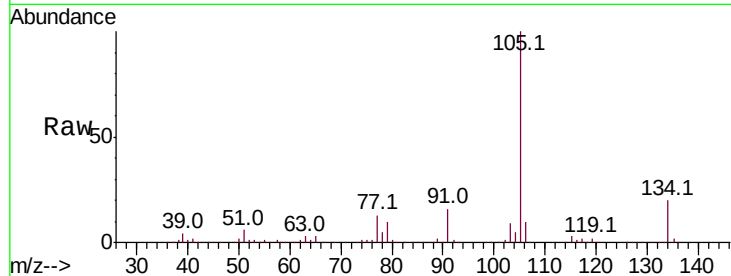
VX0918MBS01

Tot Ion:105 Resp: 176698

Ion Ratio Lower Upper

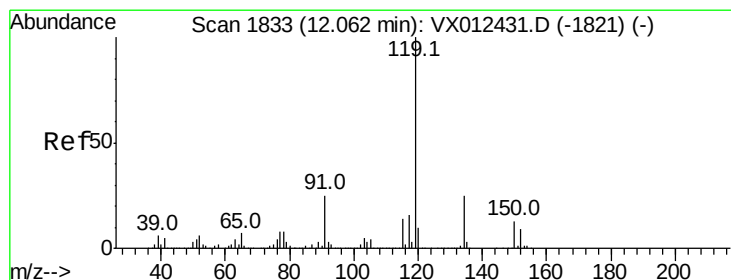
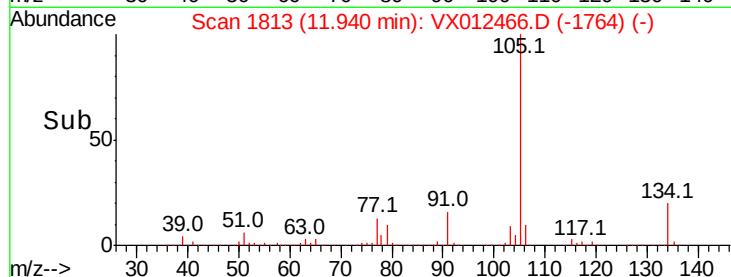
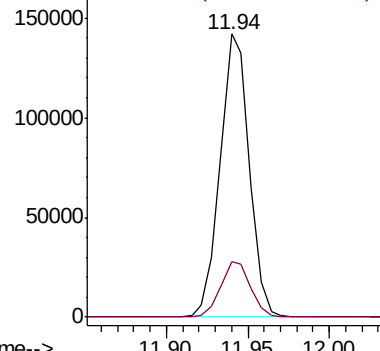
105 100

134 20.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.794 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

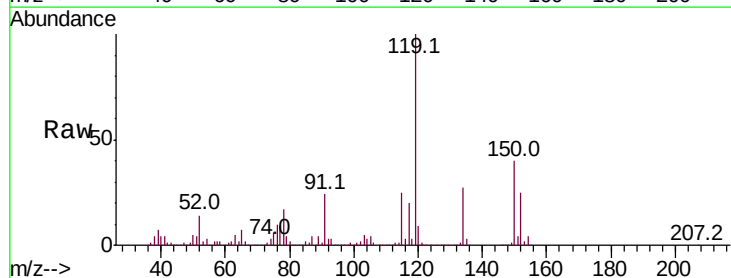
Tgt Ion:119 Resp: 162076

Ion Ratio Lower Upper

119 100

134 26.4 12.7 38.1

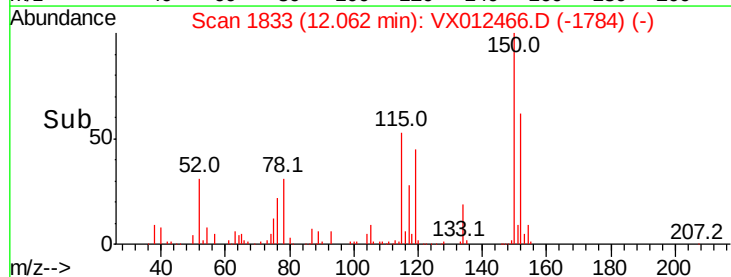
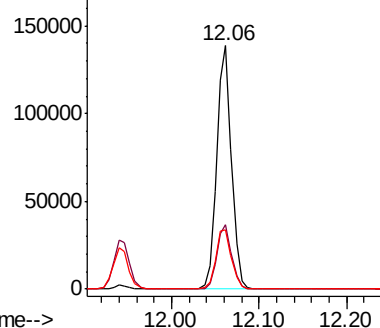
91 26.2 12.8 38.4

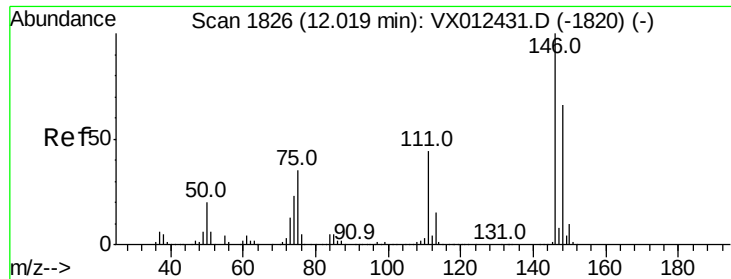


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.722 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBS01

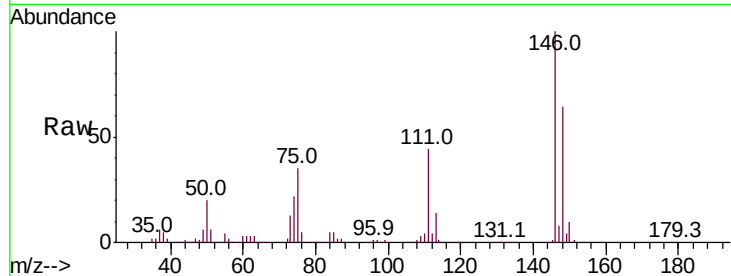
Tot Ion:146 Resp: 80120

Ion Ratio Lower Upper

146 100

111 44.1 21.3 64.0

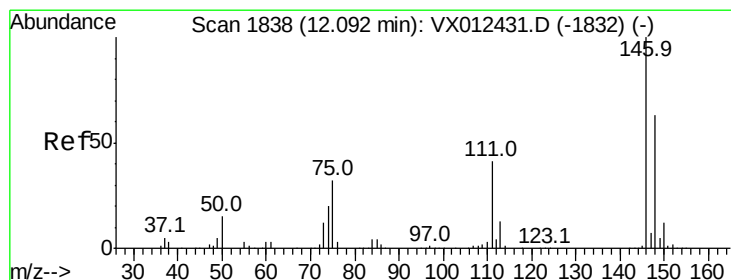
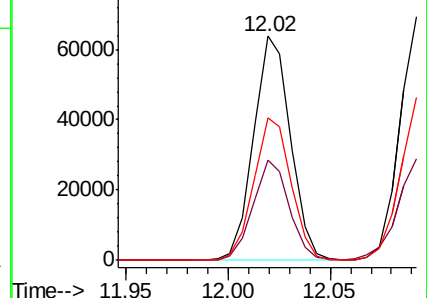
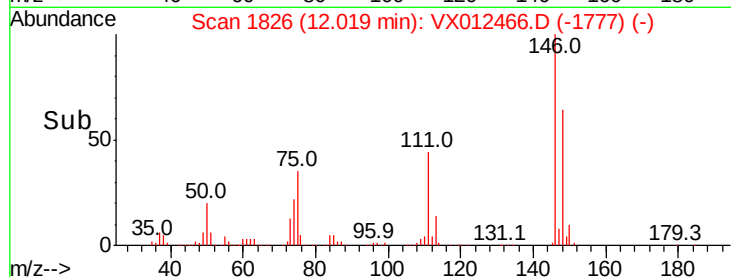
148 64.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.973 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012466.D

Acq: 18 Sep 2019 12:18

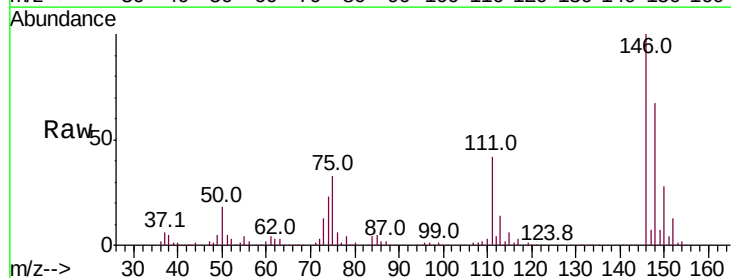
Tgt Ion:146 Resp: 83347

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.3

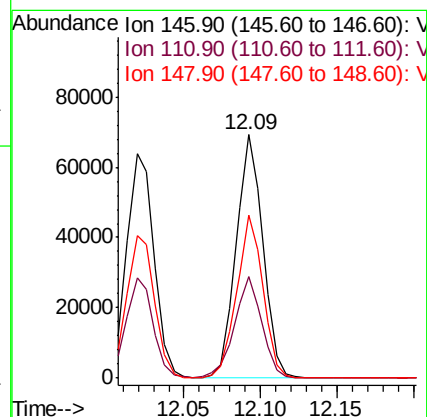
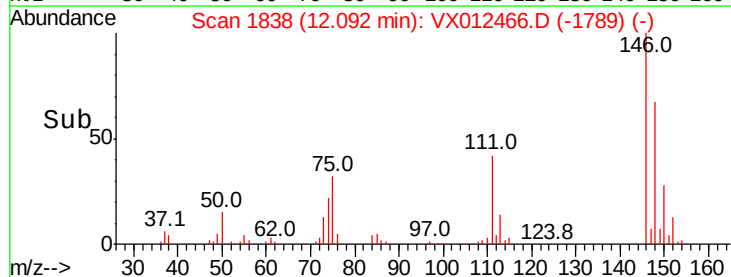
148 66.0 32.1 96.5

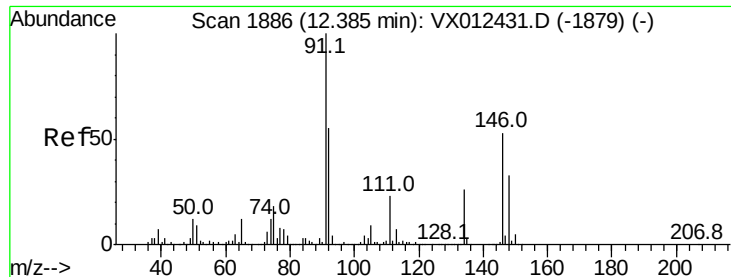


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

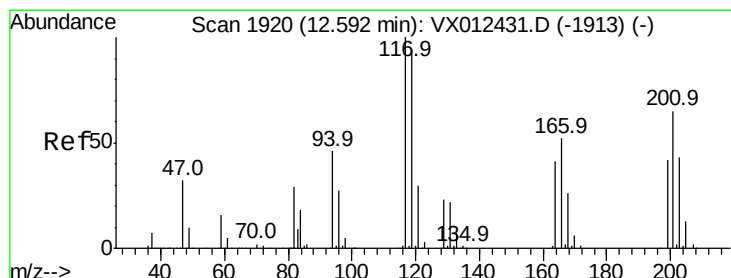
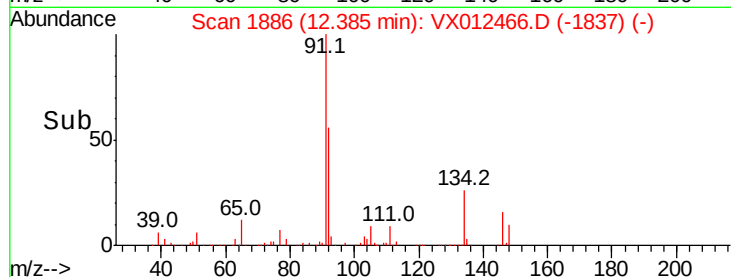
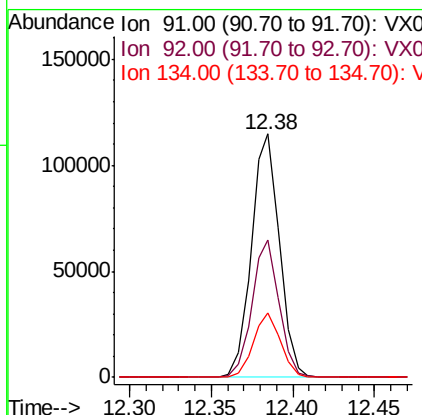
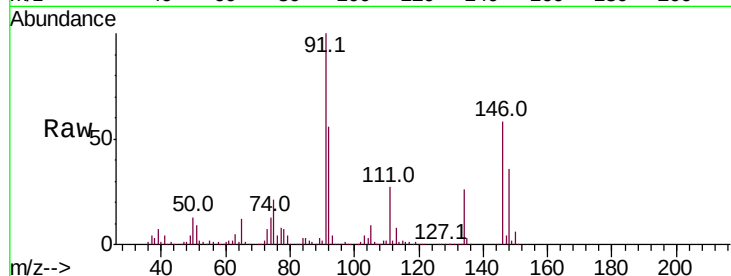




#89
n-Butylbenzene
Concen: 18.819 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

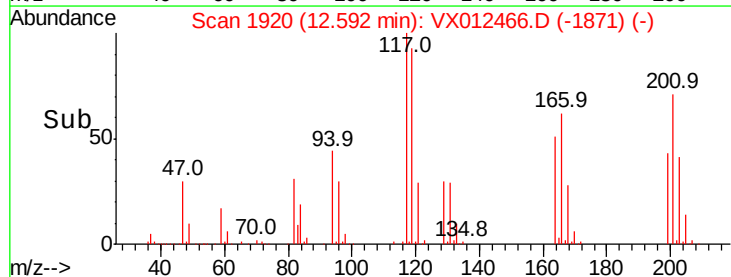
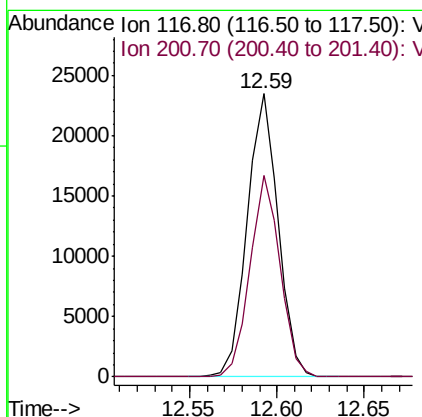
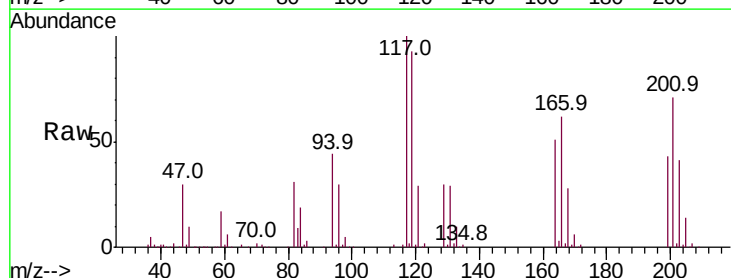
Instrument :
MSVOA_X
ClientSampled :
VX0918MBS01

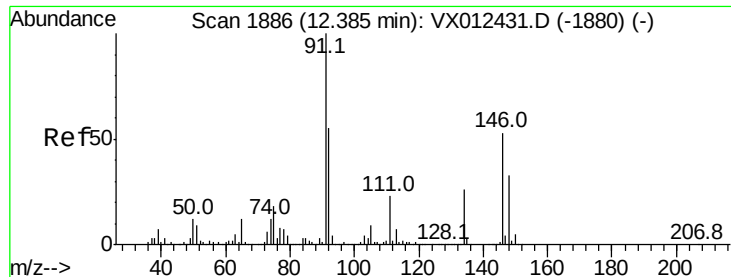
Tot Ion: 91 Resp: 137487
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 19.158 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion: 117 Resp: 28763
Ion Ratio Lower Upper
117 100
201 69.8 33.3 99.8

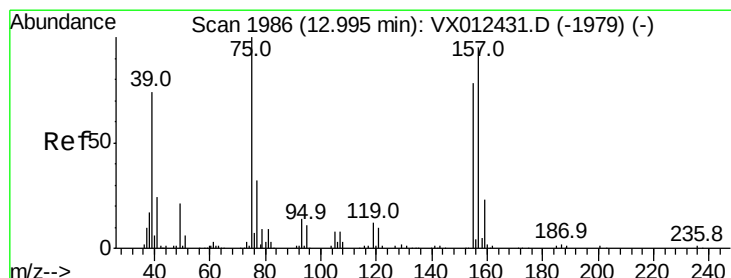
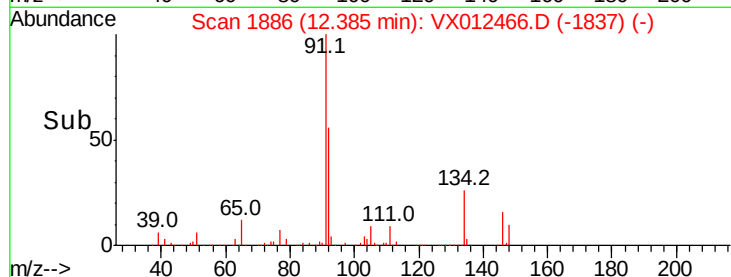
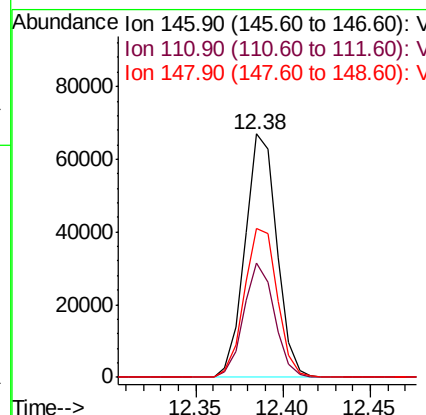
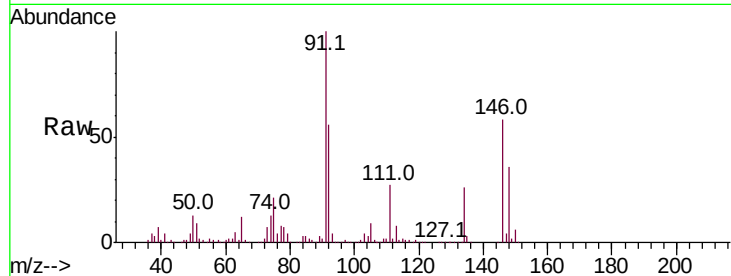




#91
 1,2-Dichlorobenzene
 Concen: 19.982 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

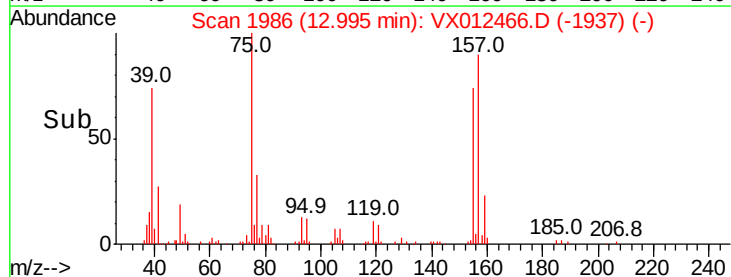
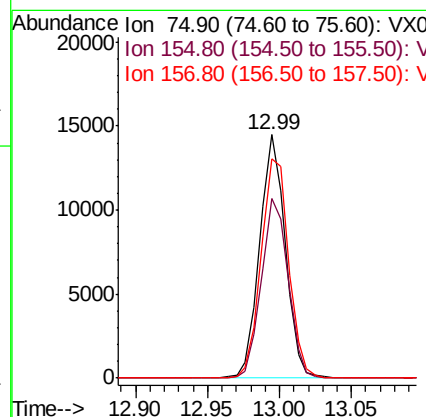
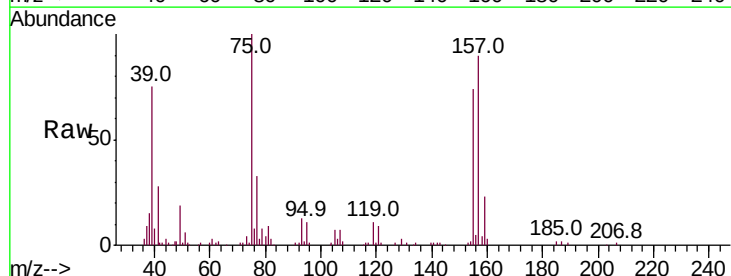
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

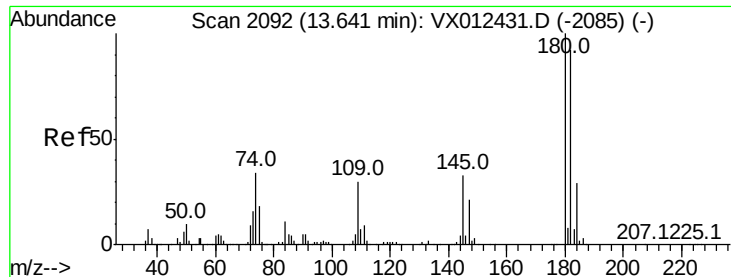
Tot Ion:146 Resp: 84845
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.1 66.1
 148 63.7 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.594 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion: 75 Resp: 17646
 Ion Ratio Lower Upper
 75 100
 155 77.3 38.6 115.8
 157 97.0 50.6 151.9

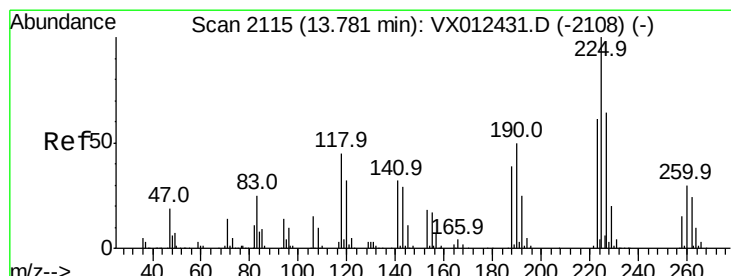
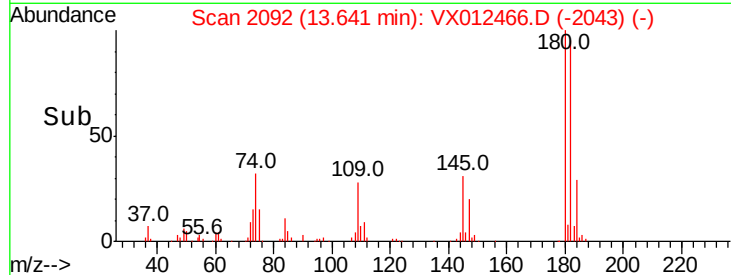
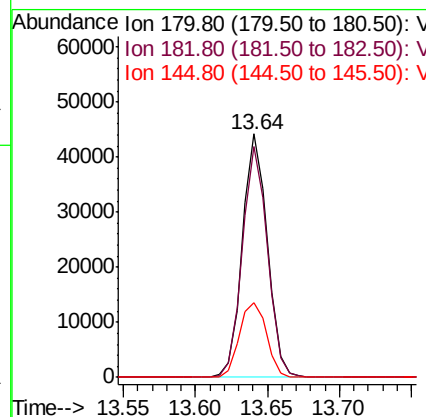
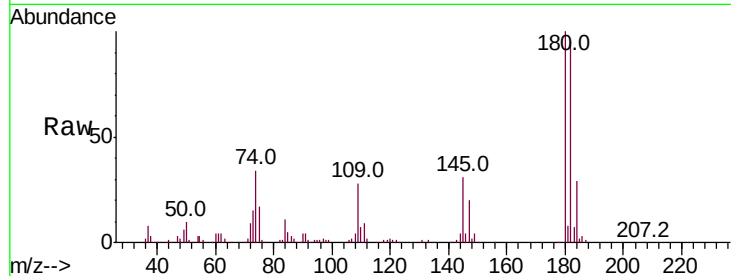




#93
 1,2,4-Trichlorobenzene
 Concen: 19.499 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

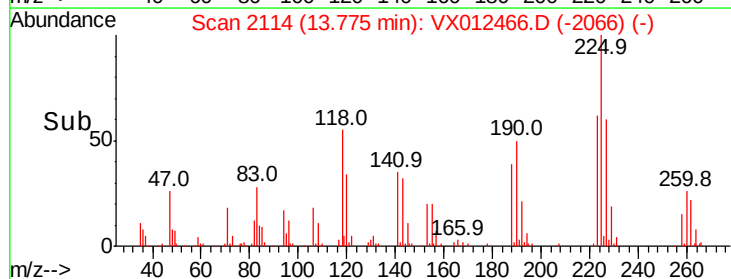
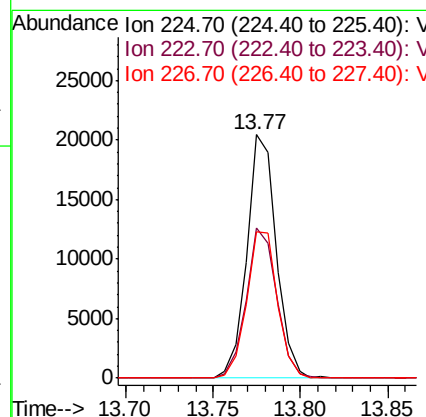
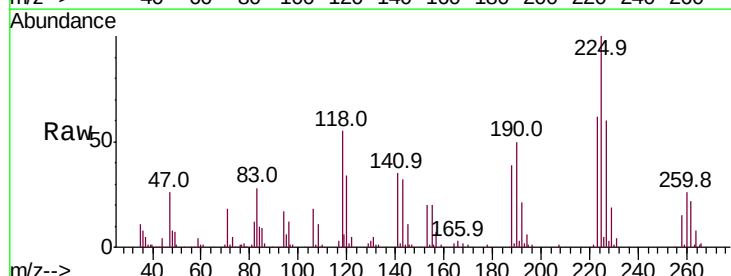
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

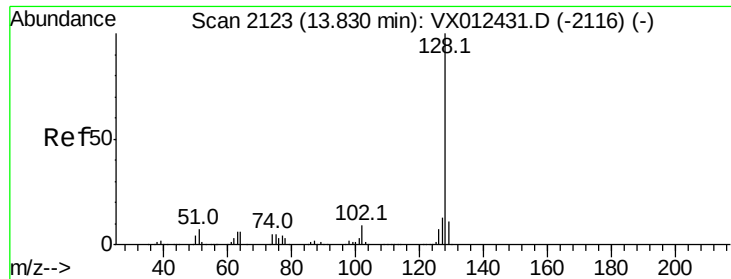
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.0
145	33.5	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 18.486 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012466.D
 Acq: 18 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.0	96.2
227	63.0	31.9	95.5

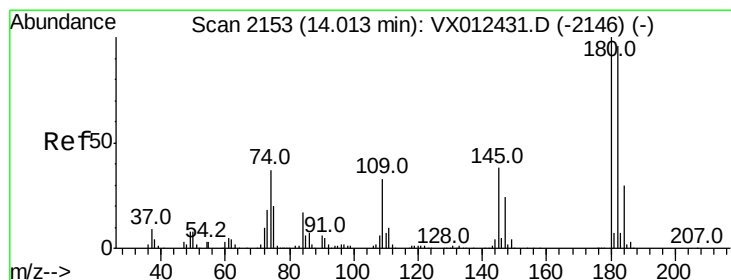
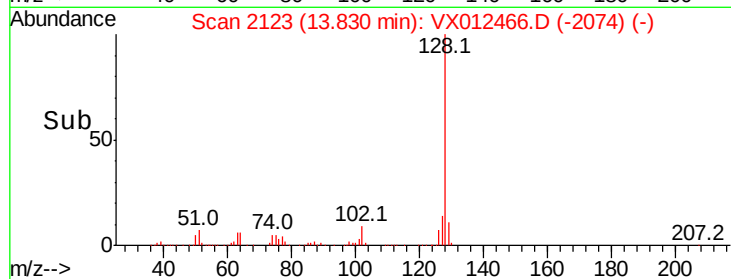
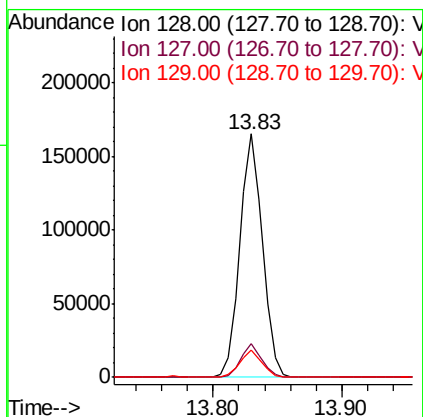
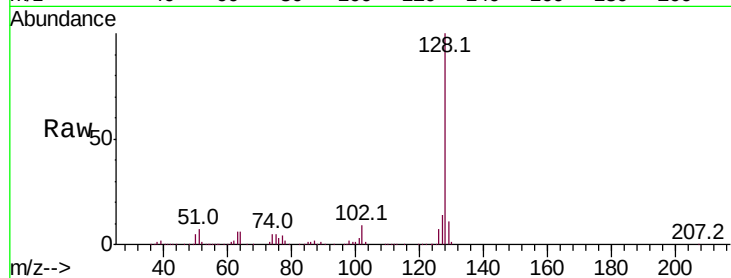




#95
Naphthalene
Concen: 20.596 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBS01

Tot Ion:128 Resp: 200432
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.230 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012466.D
Acq: 18 Sep 2019 12:18

Tgt Ion:180 Resp: 56379
Ion Ratio Lower Upper
180 100
182 92.8 47.1 141.3
145 34.2 18.0 54.0

